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United States
Department of
Agriculture

Forest
Service

Southwestern
Region

Southwest Area Mobilization Guide, 1989

A 13.36/2:

READEX FICHE best copy available

This revision of the mobilization plan replaces the entire previous copy. We are looking for ways to make it more usable to the individual in the field as well as in the office.

The plastic binding is one of the ideas that was suggested. If you want to put this revision into the hard cover binders, just remove the plastic spiral binding and enter it by chapter and section as done in the past. Which ever way you use it, BE SURE TO DISCARD ALL PREVIOUS REVISIONS.

We would like your comments on the complete publication, plastic binding, compared to page revision as in the past, etc? What changes, additions, deletions, would you like to see in future editions? How can we make this a more usable tool? Is there a way to color code Chapters/Sections that would make it more usable for you?

TEAR OUT THIS PAGE, ENTER YOUR COMMENTS AND MAIL IT TO SWCC, ATTN: JOE HYDOCK. SEND IN NO LATER THEN SEPTEMBER 20, 1989.

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Positive Statements: What you like about the publication. Comments on binding in this manner.

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DISPATCHER'S MOBILIZATION PLAN

CHAPTER 10 - POLICY AND OBJECTIVES

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11 - MISSION

The principal mission of the Southwest Interagency Coordination Center is the cost-effective coordination and dispatching of resources to any incident both within and outside of the Southwest Area. This will be accomplished through planning, communications, projection of needs, as well as expediting resource orders between all zones and/or agencies within the Southwest Area and between the National Interagency Fire Center and agencies within the Southwest Area.

12 - POLICY. The Southwest Interagency Coordination Center provides direction and assistance in the mobilization and demobilization of resources between units within the Southwest Area and between the Southwest Area and the National Interagency Coordination Center. The Southwest Interagency Coordination Center is a clearing house for all agencies within the Southwest Area and has been established to insure prompt and adequate service to suppression and presuppression activities where intraregional or interregional action is required. When an agency or Forest within an Interagency Dispatch Zone requires additional resources, requests for assistance will be placed through established coordination channels on the Resource Order Form to the Coordination Center.

12.1 INITIAL ATTACK Rapid mobilization of an incident requires coordination between units/agencies and an efficient and effective organizational practice. Strict adherance to established dispatching channels will do much to establish these results. Each agency should strive to follow these channels at all times. Dispatchers will immediately report all fires on other lands to the responsible agency or the Southwest Interagency Coordination Center.

A. When a fire is reported by the public, obtain the following information:

1. Person reporting the fire--"Joe Citizen, Mill Road, 555-1234"
2. Location of fire--"north slope of Bald Mountain"
3. Best access--"farm road off Smith Road"
4. Land owner--"Mr. Smith"
5. Size--"about 1 acre"
6. Rate of spread--"creeping around on the ground"
7. Suspected cause--"campers in the area"
8. Values threatened--"neighbor's house just down road"

Location

1. Determine and mark the location on the map.
2. Determine the best route to the fire.
2. Pay particular attention to fire behavior information.
3. Write down all other pertinent information.

B. Essential information to have when reporting fires:

1. Location: Township_____Range_____Section_____

_____VOR. Mag. Bearing_____Distance_____NM

_____VOR. Mag. Bearing_____Distance_____NM

2. Geographic Landmark(s)_____________________________

3. Fire Size:________________________________acres.

4. Action Taken:_____________________________________

5. Fire Contained: Yes _____ No _____

6. Fire Name/Number:_____________________________

C. BLM Direct Exchange of Resources. Direct exchange of resources is made between BLM districts in Arizona, California, Nevada, and Utah. Response areas vary but will involve resources that are in close proximity to the incident. The BLM sending units are responsible for notifying the next higher dispatch level of resource commitments as soon as possible after dispatch. If resources are to be retained beyond 24 hours after commitment, national resources involved will be formally ordered through established dispatching channels.

12.2 RESOURCE ORDER FORM. Resources must be mobilized on the Resource Order Form and will be released using the same request form. The standard numbering system will be used.

12.3 NOTIFICATION OF COMMITMENT OF NATIONAL RESOURCES. Utilizing the DG network or best available means, sending unit dispatchers shall notify all agencies in the Southwest Area, the Coordination Center, and

NIFCC when lead planes, helicopters, air tankers, and crews are committed locally (within the dispatch zone) and will not be available for dispatch outside the zone. The incident name, legal location, and resource identification shall be included in this notification.

A. Notification must also be sent to all units previously notified when the resources are again available.

1. All messages of commitments and releases sent on the DG network shall be sent "URGENT".

12.4 FILL OR KILL PROCEDURE. NIFCC requires conformation within one (1) hour that the Southwest Area can furnish all requested items within the time frames listed on the order. NIFCC personnel will call the Coordination Center one hour after the order is placed if they have not been notified that the order is filled.

A. The Southwest Area has established a "fill or kill" policy for resource orders so as to meet National requirements. After receipt of a resource order all units must confirm within 30 minutes with the Southwest Interagency Coordination Center that they can fill all items within the allowable time frames or notify the Coordination Center that they expect to be able to fill the order, requesting additional time.

12.5 STANDARD CUBES, WEIGHT POLICY AND GEAR FOR ALL PERSONNEL. (except smokejumpers and Southwest Area Interagency Incident Team members)

Personnel dispatched from their unit must conform to the following gear weight limitations:

A. One frameless, soft pack not to exceed 35 pounds.

B. Web gear or briefcase (not both) not to exceed 20 pounds.

C. Maximum allowable crew weight, including equipment is 4800 pounds.

D. All actual personnel baggage weights must be displayed seperately from individual weights on flight manifests. Do not use estimated weights or repeatedly enter the maximum allowable baggage weights.

E. Specific members of the Interagency Incident Team will be authorized to take extra equipment, needed in performance of their duties in the positions they are filling. Weight limitations will be set and adhered to.

12.6 - LENGTH OF SHIFT. (Refer to FSM 5134.7) **Management of crew and overhead rest to assure safe, productive fire suppression activity is a basic responsibility of fire management personnel. Address this responsibility in crew and overhead performance evaluations and ratings. See Chapter 28, 28.1 for work/rest guidelines adopted by the National Fire Directors.**

13 - SCOPE OF OPERATION

13.1 - GENERAL. The Southwest Area Mobilization Guide will be reformatted to correspond with the National Mobilization Guide published by the National Interagency Wildfire Center at Boise. It is designed as a ready reference to dispatching policy and identifies established operational procedures to guide in the operation of multi-agency logistical support by all Units within the Southwest Area. It serves as a telephone directory, as a storehouse for administrative procedures and policies, and is a catalog of information about personnel, aircraft, and equipment to assist in the mobilization of resources. All Units should publish local mobilization guides to supplement the Southwest Area Mobilization Guide. Area Offices, State Offices and Forests will provide the Coordination Center with one copy of their mobilization guide and will provide amendments as published.

13.2 - SOUTHWEST INTERAGENCY COORDINATION CENTER

A. ROLES AND RESPONSIBILITIES

1. SOUTHWEST AREA COORDINATOR. Directs and manages the Southwest Interagency Coordination Center in Albuquerque. Provides direct supervision to all persons assigned to the Coordination Center. Anticipates critical situations and implements cost-effective actions that assure timely response of resources to incidents. Keeps all Forests and agencies alerted to possible shortages of firefighting forces nationally, as well as within Arizona and New Mexico. When filling the dispatcher role, performs all assigned duties e.g., processing resource orders, situation/status reports, flight scheduling, flight following, documenting and distributing fire weather information, etc. Participates in Aviation and Fire Management program reviews and service trips to Forests and cooperating agencies.

Schedules, participates in, and coordinates meetings and workshops. Prepares and reviews written material for manuals, handbooks, and operating plans. Provides opportunity for interagency cooperation and initiates actions to enhance the sharing of resources between Federal and State agencies.

2. ASSISTANT AREA COORDINATOR (FS). Serves as acting Area coordinator in the absence of the Southwest Area Coordinator. Provides direct supervision of dispatchers assigned to the Southwest Interagency Coordination Center during expanded operations. Provides input to the Southwest Area Coordinator on policies and operating procedures. When filling role of the duty dispatcher, performs all assigned duties e.g., processing resource orders, documenting and distributing fire weather information, situation/status reports, flight scheduling, and flight following. Schedules, participates in, and coordinates meetings and workshops. Prepares and reviews written material for manuals, handbooks, and operating plans. Monitors fire weather and provides accurate fire weather severity information.

3. SOUTHWEST AREA COORDINATION CENTER DISPATCHERS. Receives and fills requests from Interagency Zone Dispatchers and from the National Interagency Coordination Center for personnel, aircraft, equipment, supplies and related support services.

When assigned the duty dispatcher role, performs all assigned duties e.g., situation/status reports, processing resource orders, flight scheduling, flight following, documenting and distributing fire weather information.

The dispatcher will notify the Southwest Area Coordinator or Acting Coordinator when any information pertaining to situations listed below are received. In his absence, the dispatcher will make notification as outlined.

The Coordinator, Acting Coordinator, or Dispatcher on call will make notification as follows:

Whom	When	Time
In the following order of availability, until one is notified	1. Fatality	Immediately
	2. Serious accident	Immediately
1. *SW Area Coordinator 2. Asst. Director Suppression (Russell)	3. Class I Team is dispatched. (notify) when Team is placed on standby.)	Immediately
3. Directon, AFM (Hickman) 4. Acting Director, AFM	4. Class II team is dispatched	Within 2 Hours
5. Duty Officer, if not in SWCC	5. Incident is threat to life and/or property	Immediately
6. Deputy Regional Forester	6. Unusual happenings or circumstances.	Within a reasonable time
* Coordinator wants to be notified at ALL times.	7. Toxic or hazardous materials incident of major proportions	Immediately
	8. When States of AZ or NM are considering FEMA assistance	Immediately

B. TOURS OF DUTY. SWCC will normally be manned from 0800 until 1700 during the off-season. Commencing about the first of April, dependent on fire danger, the office will be manned from 0700 until 2000 on a 7-day per week schedule until the end of the National fire season. During heavy fire or other incident activity SWCC will operate on a 24-hour per day basis.

13.3 - INTERAGENCY ZONE DISPATCHERS. Receives requests for aircraft, personnel, equipment, supplies, and related support services from all cooperating agencies within the Zone and from the Coordination Center. Based on knowledge of resource locations, committments, and available transportation, determines which Unit within the zone to contact for the required resources.

13.4 - UNIT DISPATCHERS (Each Agency to supplement as desired)

13.5 - REGION THREE VOLUNTEER FIREFIGHTING POLICY

A. The National Forests Act, P.L. 92-300, authorizes the Forest Service to recruit and train persons to assist in all programs and activities except law enforcement and collections. Persons who are signed up with the Forest Service as volunteers may receive firefighting training which is incidental to their existing volunteer work assignment but no commitments should be made, expressed or implied to volunteer applicants which would encourage them to expect firefighting assignments. The Act does not authorize the recruitment of persons solely for the purpose of providing firefighting training, or in any way using volunteering as a condition of paid employment.

B. Units should only use the Volunteers authority if there are no funds or other authorities available to train persons as firefighters. Volunteer agreements should be terminated once the training is completed unless they plan to volunteer in some other capacity for the Forest Service. When a volunteer is assigned to fire duty the Volunteer Agreement will be suspended for the fire duty period and the volunteer will be paid as a casual firefighter.

C. Volunteers may be used as firefighters only if they are fully qualified, available, and are needed as an additional resources.

D. It is Region 3 policy to encourage volunteerism on the part of citizens in the local community. This would include members of organized firefighting crews who are not on fire duty and wish to apply for volunteer service. They will receive equal consideration for volunteer opportunities with all other applicants and any volunteer service they perform will not be used to disqualify them for positions they already hold as members of organized firefighting crews.

E. While Region 3 policy is consistent with Forest Service national volunteer firefighting policy, our Region has had formal agreements with local and organized Southwest Forest Firefighter crews for many years. The provisions of these agreements are to utilize these fire crews during periods of fire danger. Because of these agreements, we are committed to utilize firefighters from these areas first, before we accept the services of other people.

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

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DISPATCHERS MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

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21.1 - COMMUNICATIONS

21.1.1 Telephones. Telephone calls to the Southwest Interagency Coordination Center can be made by commercial or FTS. To contact an individual during working hours, call the specific number listed in the Mobilization Plan. All fire emergency calls and calls made during expanded dispatch situations to a specific "desk" (Crews, Overhead, Aircraft, or Equipment/Supply), and calls of a "general" nature should be made to the general fire number, (505) 842-3473, (FTS 476-3473). When the office is closed, all calls must be made to the general fire number. Calls will be forwarded to the on-call dispatcher.

A. Most agencies have 24 hour telephone numbers, depending on availability of answering services and/or call forwarding on their telephone systems. See Chapter 50, individual Unit's page.

21.1.2 Facsimile Machines. Twenty-four hour automatic answering facsimile machines are located in the Coordination Center and all agency dispatch offices for transmission and receipt of hard copy messages. Individual directory pages in Chapter 50 contain the telephone numbers for each unit.

21.1.3 Telecommunication.

A. The telecommunications system used between Forest Service units is part of the Data General (DG) System called FIRENET. Messages to BLM State and District offices can also be sent via the DG system, through BIFC, where they are resent on BLM IAMS system.

B. FIRENET is the Fire Management Telecommunication System which operates via the Distributed Processing System. FIRENET provides for electronic dissemination of information for fire suppression, prescribed fire, smoke management, aviation, and routine administrative messages.

1. In order to send and receive information via FIRENET, the user must be familiar with Comprehensive Electronic Office (CEO) and must have a profile established in the system. Through the CEO system, documents can be produced, edited, filed, printed and/or mailed to other users.

2. The FIRENET network will link Forests and Cooperating Agencies in the Southwest Area together through common mailing lists. Some Forests have Units from other agencies assigned to use their DG computer. These Forests have created CEO profiles for the users assigned to them.

C. Operation of the FIRENET network.

1. Messages or documents sent via the FIRENET can be sent "Urgent," "Certified," "Confidential," or regular mail. When sending a message "Certified", an acknowledgement will be received in

the inbox of the sender indicating the message has been received by whomever it was sent to. When using multiaddress mailing lists it is better NOT to request certification of delivery. With some mailing lists, the sender could receive as many as 40 separate messages in their inbox stating "DISPASF:R03F01A has seen your message", "DISPCAF:R03F02A has seen your message", "DISPR03:R03A has seen your message", etc.

2. The Main Menu of CEO contains a status line which contains the date and time (updated each minute) and the name of the last document you created, edited, or viewed. It also shows the number of new, unread messages you have waiting. In order to receive and send information in a timely fashion, periodically check the upper left corner of the screen for new or urgent messages. The inbox also postmarks the date and time a message is sent.

3. A message sent URGENT will show in the status line as "URGENT MESSAGE(S)". General administrative and informative messages such as situation reports, large fire reports, weather, etc. should never be given an "URGENT" designation. The only messages that should be sent URGENT are those that are of an actual emergency nature, requiring immediate reading.

4. Content of the message should always be described in the SUBJECT line, i.e., Situation Report, Incident Report, etc. When only "comments" are entered in the MESSAGE portion, they are thought to be the complete message and the message may be erased without actually being read.

5. To help in identification of messages sent, each message should include the authors name or initials, either in the SUBJECT line or at the end of the DG message.

D. Mailing Lists. To expedite sending a message to multiple units, mailing lists must be created. Mailing lists must be PUBLIC and VISIBLE.

As a minimum, mailing lists may be used to transmit the following types of information:

- Forest Daily Situation Report (wildfire, planned prescribed fire, unplanned prescribed fire)
- Critical incident reports
- BIFC report
- Daily weather and spot weather forecasts and requests
- Aircraft flight scheduling and flight following
- Routine reports and administrative fire-related messages

1. The FNET Mailing List should contain the mailing addresses for all Forest and agency dispatch offices who would normally receive incident or administrative message traffic from other unit dispatchers.

Unit	MAILING LIST
Apache-Sitgreaves	DISPATCH:R03F01A
Carson	DISPATCH:R03F02A
Cibola	DISPATCH:R03F03A
Coconino	DISPATCH:R03F04A
Coronado	DISPATCH:R03F05A
Gila	DISPATCH:R03F06A
Kaibab	DISPATCH:R03F07A
Lincoln	DISPATCH:R03F08A
Prescott	DISPATCH:R03F09A
Santa Fe	SNF:R03F10A
Tonto	DISPATCH:R03F12A
BLM Arizona	AZ940:IAMS
BLM New Mexico	NM941:IAMS
Southwest Area Coord. Cntr.	DISPR03:R03A
BIA Fort Apache Agency	CUESTDISPFAA_R03A
Arizona State Forestry	AZS:R03F12A

2. The COMMITTED mailing list is to inform Zone and Area Coordination Centers and NIFCC of any committed National resource on your unit.

Forest	Mailing List
Apache-Sitgreaves	DISPATCH:R03F01A
Carson	DISPATCH:R03F02A
Cibola	DISPATCH:R03F03A
Coconino	DISPATCH:R03F04A
Coronado	DISPATCH:R03F05A
Gila	DISPATCH:R03F06A
Kaibab	DISPATCH:R03F07A
Lincoln	DISPATCH:R03F08A
Prescott	DISPATCH:R03F09A
Santa Fe	SNF:R03F10A
Tonto	DISPATCH:R03F12A
BLM Arizona	AZ940:IAMS
BLM New Mexico	NM941:IAMS
Southwest Area Coord. Cntr.	DISPR03:R03A
NIFCC	A.INT:W02A
BIA Fort Apache Agency	GUESTDISPFAA:R03A
Arizona State Forestry	AZS:R03F12A

When other users have equipment and are trained on the FNET System you will need to add them to the mailing list.

3. Below are listed some guidelines for determining which mailing list to use when sending a message or document:

Message/Document	Sender	Send To
Daily Situation Report	Forests	DISPR03:R03A
SIT300 Resource Report	**Coordination Center**	**FNET** **A.INT:W02A**
Resource Commitments **Resource Availability**	Forests/Agencies	"COMMITTED"
Completed Spot Weather Requests	Weather Service	FNET
Flight Plans (movement of National resources)	Coordination Center/ Forests/Agencies	FNET
Flight Plans (administrative flights)	**Coordination Center/** Forests/Agencies	ALLSTAFFS FNET
Regional Resource Summary	Coordination Center	FNET
BIFC Situation Report (a.m. and p.m.)	Coordination Center	FNET
AFFIRMS weather	Coordination Center	FNET
Spot Weather Requests	Forests/Agencies	AWX:R03A or PWX:R03F12A

4. Send spot weather forecasts CERTIFIED to either the Albuquerque (AWX:R03A or Phoenix (PWX:R03F12A) Weather Service. Do not send the request using the FNET mailing list. When the Weather Service reads the request the sender will receive an acknowledgement in their inbox. If you do not receive an acknowledgement within 30 minutes of sending the request, call the Weather Service and ask them to check if the request was received. When the Weather Service fills the request, they may send the reply to other FIRENET users so they will also be informed of predicted weather.

E. Commonly used forms may be stored in the machine and accessed with a function key. The function key sends a command to the system to call the document up on the screen. If you choose to use function keys, be sure to identify them on the template provided with your terminal. Function keys can also be set up to mail documents.

F. Keep in mind documents can be updated (edited) rather than recreated each day. Examples of this would be the form used for flight **scheduling and the SIT300 Resource Report**.

21.2 - MOBILE RADIO OPERATIONS GUIDE

A. Operational Procedures

1. All radio communications to other agencies are restricted to mobile radios for emergency use and on pre-assigned frequencies only. Voice transmissions are to be conducted in a concise and professional manner. Clear text should be used in lieu of ten code. Agency frequencies are not to be used for any other purpose than contacting the respective agency dispatcher.

2. Agency dispatchers have the authority to enforce local agency policies related to radio communications and prevent radio transmissions from other agency mobile radios if necessary. Misuse by individual units may result in cancellation of an individual agency's authority to share radio frequencies. The basic concept of individual fire resource utilizing another agency's frequency is as follows:

a. Units dispatched through normal dispatch channels to another agency may contact the receiving agency dispatcher on the local radio frequency once the responding resource is within the agency's jurisdictional boundaries.

b. Units may contact another agency dispatcher to provide notification of a fire, accident, or any other type of emergency which is located on that agency's jurisdiction.

3. The following describes unauthorized uses of agencies frequencies covered under this guide:

a. One or more units utilizing another agency radio frequency for administrative use.

b. Units utilizing another agency's frequency outside of that agency's jurisdictional boundary.

c. Contacting other agency dispatchers for other than emergencies.

d. Failing to follow directions from any agency dispatcher who is responsible for the agency frequency.

21.3 - AIRCRAFT RADIO EQUIPMENT AND FREQUENCY MANAGEMENT (See USDA/USDI Aircraft Radio Communications and Frequency Guide, updated annually and distributed by BIFC)

A. Equipment Management.

1. The resource order form will be used to document all movement of transceivers, control heads and portapacs between units. While the factory serial number will be used to identify equipment, the FS or BIFC identification numbers on the control heads and transceivers should be included on all resource orders for reference.

2. An AD-107 (Report of Transfer) form will be used when Forest Service equipment is installed in contract aircraft. The AD-107 will be marked "temporary" and the pilot-in-command will sign as receiving the radio equipment.

3. Wulfsberg transceivers, control heads and portapacs are to be returned to the accountable unit at the end of the contract period.

4. Annual maintenance and repair of 9600 Transceivers and Control Heads.

a. All 9600 channel radios should be sent in for annual maintenance check. Companies that can be contacted for maintenance checks and repair of radios are:

CANNON AVIONICS
2433 Commerce Ave.
Boise, ID 83703
(208) 344-6904

AERO COMMUNICATIONS SYSTEMS
P.O. Box J
Rialto, CA 92376
(714) 875-0192

AIE Incorportated
2403 Bullard
Clovis, CA 93612
(209) 298-8332

GLOBAL WULFSBURG
2144 Michelson Dr.
Irvine, CA 92715
(714) 851-0119

b. Cannon Avionics, Aero Communications Systems, or AIE are recommended first choices.

c. Shipment of transceivers, control heads, and portapacs will be by certified mail (return receipt requested); by air freight; or by use of other express delivery companies. Use extreme care to be sure adequate packaging material is used to protect equipment.

B. Frequency Management.

1. "Guard One" (168.625) is not to be used as a general discussion frequency but will be used as a contact frequency only. This is a contact and emergency frequency for use between aircraft and ground units such as correction of aerial retardant delivery

instructions, to divert aircraft to another target, contact to switch to another frequency, etc. Guard One should not be used at air tanker bases or helitack bases for dispatching or conversation with aircraft.

2. Frequency 168.650 is the approved frequency for ground to air communications between base stations and aircraft. Air tanker bases, primary heliports, and dispatch offices are authorized to use this frequency for a discussion channel to aircraft.

3. Frequency 168.350 is a short range frequency for ground units and dispatch/coordination center use. It should be used for unit to unit discussions and for contact between units.

4. There are four air tactical frequencies programed into the RT-9600 Wulfsberg radio. These frequencies were established to releave some of the traffic from the air dispatch frequency. Each Forest has been assigned an air tactics frequency for initial attack dispatches. The aircraft using an air tactics frequency will also be monitoring air dispatch frequency. Air tactical frequencies may be reassigned by the Southwest Area Coordinator as necessary.

Air Tactics 1	166.675	Air Tactics 3	169.200
Air Tactics 2	169.150	Air Tactics 4	170.000

5. VHF frequencies that may be used for air-to-air communications between aircraft are:

(1) 122.925	Primary VHF frequency assignment for air tankers.
(2) 122.850	Primary VHF frequency assignment for helicopters.
(3) 122.900	Secondary VHF call channel. (Multicom frequency used by all general aviation aircraft)

6. Frequencies other than the Forest Service or BLM "guard" frequencies should be assigned to aircraft by phone, prior to flight whenever possible. This can be accomplished if, when ordering, the requesting unit provides a contact frequency when ordering.

7. The Agency/Zone Dispatcher, Southwest Area Coordination Center, and Air Attack Group Supervisor should coordinate with each other in the assignment of frequencies for aircraft use.

C. Interior Agencies Frequencies

ARIZONA NATIONAL PARK SERVICE	
Grand Canyon	172.450
Chiricahua	172.525
Coronado	172.525
Saguaro	167.150

NEW MEXICO NATIONAL PARK SERVICE	
Santa Fe Office	168.425
SF Office+Bandalier NP	168.350
Interior ICS Channel	163.100
Interior ICS Channel	168.350

ARIZONA BLM	
Arizona Strip District	168.425
Kingman	168.300
Phoenix District	168.300
Safford District	
Channel 1	168.425
Channel 2	169.325
Yuma District	
Channel 1	167.175
Channel 2	169.775

NEW MEXICO BLM	
Albuquerque District	168.525
Roswell District	168.500
Las Cruces District	168.575
Socorro District	169.650
Santa Fe	168.525
BLM Air Net	168.550

BLM Guard 168.950 "GUARD 2"

ARIZONA BIA	
Ft. Apache Agency	172.675
Navajo Agency	171.650
San Carlos Agency	171.700
Truxton Agency	166.875
Pima Agency	169.400
Papago Agency	168.375
Colorado River Agency	172.425

NEW MEXICO BIA	
Jicarilla Agency	171.750
Mescalero Agency	171.750
Northern Pueblos	166.300
Southern Pueblos	166.300
Zuni Agency	171.750
Hopi Agency	168.375

D. Forest Service Assigned Frequencies

Forest Service Unit	Call Sign	Frequency
Apache-Sitgreaves NF	Springerville Dispatch	169.875 (east)
Apache-Sitgreaves NF	Springerville Dispatch	169.950 (west)
Carson NF	Carson Dispatch	169.175
Cibola NF	Cibola Dispatch	171.450
Coconino NF	Coconino Dispatch	171.550
Coronado NF	Coronado Dispatch	169.600
Gila NF	Gila Dispatch	169.175 (south)
Gila NF	Gila Dispatch	169.975 (north)
Kaibab NF	Kaibab Dispatch	170.550 (south)
Kaibab NF	Kaibab Dispatch	169.900 (north)
Lincoln NF	Lincoln Dispatch	169.125
Prescott NF	Prescott Dispatch	168.175
Santa Fe NF	Santa Fe Dispatch	172.300
Tonto NF	Tonto Dispatch	164.825
Regional Office	Coordination Center	168.300

E. State Forestry Assigned Frequencies

Arizona State Office	Phoenix Dispatch	154.280
New Mexico State Office	Santa Fe Dispatch	159.420/159.330

F. Other

Arizona Emergency Fire Frequency (common to all agencies)	154.280
Scottsdale Rural Metro Fire Department	154.370
Crew Net (Use with Tonto NF approaching Phoenix	168.350

21.4 - EMERGENCY VHF COMMUNICATIONS

A. In a fire emergency or other incident utilizing aircraft not equipped with air net radios, or when the communications load is too heavy for existing fire and air operations networks, temporary VHF aircraft frequency assignments may be obtained. To obtain additional temporary VHF frequencies, request frequency assignment from the Southwest Area Coordinator. Information needed includes:

1. Number of VHF frequencies required.

2. Number of aircraft involved.

3. Area of operation. (Give as a 100 mile radius of a central location.

4. Whether the aircraft are equipped to operate on split channel of 50 KHz spacing (360 channel or 720 channel VHF).

B. Preassigned air to ground VHF communication frequencies for use in New Mexico are 118.15 and 118.55. Preassigned air to ground frequencies for use in Arizona are 118.95 and 119.95. Request assignment of these frequencies from the Southwest Area Coordinator or the Southwest Interagency Coordination Center. The Southwest Area Coordinator may request additional frequencies from FAA Regional Frequency Management Officer, stating it is a request from the U.S. Forest Service for coordination of a frequency or frequencies for emergency air operations.

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

SECTION 22 - MOBILIZATION/DEMOBILIZATION

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22.1 - DISPATCH CHANNELS

A. Type II through Type IV Incidents.

1. Units may order resources direct from other units within their zone or through the designated dispatch center in the zone.

2. A unit located in one zone may **order** resources, **other then air tankers or lead planes**, from an adjoining unit in another zone.

3. When resource needs cannot be met in this manner, resource orders will be placed through the appropriate channels to the SWCC.

4. The sending unit is responsible for immediately notifying the Coordination Center of resources committed. This may be done through their zone dispatch office. Using the COMMITTED mailing list, the unit or zone office will inform **all zone offices**, **SWCC**, and NIFCC of committed National resources.

B. Type I Incidents and Interregional Mobilization of Resources.

1. Units will follow the dispatch channels as shown in exhibits I and II.

C. Dispatching New Mexico State Forestry Personnel.

1. Dispatch personnel thru the Zone dispatch offices as follows:

a. Chama and Cimmaron State District Personnel will be mobilized through the Northern New Mexico (NNM) Zone Office at Taos.

b. Bernalillo and Socorro State District Personnel will be mobilized through the Central New Mexico (CNM) Zone at Albuquerque.

c. Capitan State District Personnel will be mobilized through the Southeast New Mexico (SENM) Zone at Alamagordo.

d. Las Vegas State District and New Mexico State Forester's Office personnel will be mobilized through the North Central New Mexico (NCNM) Zone at Santa Fe.

2. When final travel arrangements are confirmed for State Forestry personnel, the Zone Dispatch Center should notify the State Forestry Division's 24 hour number (827-8080) and give the person's name, fire position assigned, date and time of departure, location of the incident, and mode of transportation.

3. Each New Mexico Zone Dispatch Center needs to assure **entry into** their "OVERSTAT FILE" **of all** New Mexico State Forestry personnel **and update the file when changes to status of personnel occur**. Note district 3-letter identifiers Section 26, page 26-4.

D. Assigning resources to an incident in the Southwest Area. Commensurate with fire conditions, availability, travel times, types of transportation available, allowable response times, training needs, and known capabilities, the Coordination Center shall fill resource orders received from the unit(s) closest to the **incident**. The Coordination Center shall notify the requesting unit when it is ascertained the needed resource is not available within the Southwest Area and it will be necessary to place the order with the National Interagency Fire Coordination Center. The requesting unit shall then have the option to cancel or modify the resource order.

E. Assigning the resource to an interregional incident. Resource requests from outside of the Southwest Area shall come from NIFCC to the Coordination Center and shall be evenly distributed between agencies within the Southwest Area, commensurate to availability, allowable response times, travel, and known capabilities.

F. Notification of shortages of resources. The Southwest Area Coordinator shall keep all Forests and agencies alerted to possible shortages of firefighting forces nationally, as well as within **the Southwest Area, via FNET**.

G. Mobilization Cost Guide

ASSUMPTIONS:

1. ALL SALARY COSTS BASED ON AN 8-HOUR DAY.
2. PER DIEM BASED ON $2 PER DAY PER PERSON (FIRE CAMP SITUATION).
3. AN ENGINE MODULE CONSISTS OF 3 PERSONS.
4. A HELITACK MODULE CONSISTS OF 5 PERSONS.
5. OVERHEAD SALARY BASED ON GS-9 STEP 3, EXCEPT FOR STATES.
6. USED AN AVERAGE OF 150 MILES ONE WAY FROM HOME UNITS TO JETPORT.
7. ONE ROUND TRIP FOR VEHICLES TRANSPORTING HOTSHOT AND INTERAGENCY TYPE II CREWS TO JETPORTS, AS VEHICLES ARE USUALLY STORED AT THE MOBILIZATION CENTER.
8. TWO ROUND TRIPS FOR VEHICLES TRANSPORTING SOUTHWEST FIREFIGHTERS TO JETPORTS, BECAUSE VEHICLES NORMALLY RETURN TO HOME UNIT UNTIL THE CREW RETURNS.
9. OVERHEAD COSTS ONLY APPLY WHEN RESOURCES ARE EXCHANGED BETWEEN FEDERAL AND STATE AGENCIES FOR FIRE SUPPRESSION PURPOSES.
10. DAILY TOTAL COSTS DO NOT INCLUDE ANY "PER MILE" COSTS.

ENGINES TYPE	COST PER MILE	DAILY USE COSTS	DAILY SALARY & PER DIEM COSTS	OVERHEAD (%)	DAILY TOTAL COST
8 (4X2)	$ .30	$ NONE	$ 185.00	12	$ 185.00
8	$ 1.50	$ NONE	$ 256.00	12	$ 256.00
8	$ 1.00	$ NONE	$ 156.00	12	$ 156.00
8	$ .43	$ NONE	$ 158.00	12	$ 158.00
8	$ .50	$ 12.00	$ 315.00	12	$ 327.00
8	$ .23	$ 6.00	$ 149.00	12	$ 155.00
8	$ .43	$ 34.00	$ 181.00	12	$ 215.00
8	$ .35	$ NONE	$ 314.00	12	$ 314.00
8	$ .60	$ 24.00	$ 268.00	12	$ 292.00
7 (4X4) PTO	$ NONE	$ 68.00	$ 200.00	12	$ 268.00
6	$ NONE	$ 120.00	$ 250.00	12	$ 370.00
6	$ .85	$ NONE	$ 175.00	12	$ 175.00
6	$ .43	$ 70.00	$ 175.00	12	$ 245.00

HANDCREWS TYPE	HOW MOBED	TRANS.TO/FROM JETPORT	DAILY SALARY & PER DIEM COSTS	OVERHEAD (%)	DAILY TOTAL COST
HOTSHOTS	GROUND	$ 250.00	$1200.00	12	$1200.00
IA REGULARS	GROUND	$ 450.00	$1400.00	12	$1400.00
SWFF CASUALS	GROUND	$ 900.00	$1225.00	12	$1225.00
HELITACK	GROUND	NONE	$ 350.00	12	$ 350.00

OVERHEAD	HOW MOBED	COSTS TO/FROM JETPORT	DAILY SALARY & PER DIEM COSTS	OVERHEAD (%)	DAILY TOTAL COST
FEDERAL	GROUND	$ 150.00	$ 100.00	12	$ 100.00
AZ STATE	GROUND	$ 190.00	$ 144.00	12	$ 144.00
NM STATE	GROUND	$ 170.00	$ 125.00	12	$ 125.00

22.2 - RESOURCE TRACKING

A. Sending units will pass actual time of departure (ATD) and ETA of resources dispatched, thru channels, to the requesting unit.

B. Chiefs-of-party will keep sending and/or receiving units informed of changes in status while enroute to or returning from an incident.

C. Receiving units are responsible for confirming arrival of resources and initiating tracking if the resources do not arrive on schedule.

1. If the resource is sent via ground transportation or commercial air, the receiving unit does not have to notify of the resources arrival. The Coordination Center must be notified when flight following of aircraft is involved. (To be revised fall 1989)

22.3 - FIREFIGHTING RESOURCES IN TRAVEL STATUS (See also 25.1)

A. All resources in travel status will have a chief-of-party designated by the sending unit. The chief-of-party shall:

1. Within Southwest Area - Check in with the receiving unit on each overnight stop and notify the dispatcher of their motel and telephone number where they can be reached.

2. Outside of Southwest Area - Check in with NIFCC on each overnight stop (208-389-2660) and notify the coordinator of the motel and telephone number where they can be reached. These calls can be made collect. The sending unit will ensure that each chief-of-party has appropriate telephone numbers. This applies to all firefighting resources, i.e., all aircraft and all personnel (traveling by ground or air). In the case of contract aircraft without passengers, the pilot-in-command shall make the appropriate call to the dispatcher or coordinator.

B. Once resources are committed (time sending unit transmits departure time and ETA) they will be considered resources of the requesting unit.

C. The Coordination Center must be notified of all off-unit movement of firefighting resources.

22.4 - USE OF NATIONAL GUARD UNITS

A. Requests for National Guard facilities, personnel or equipment shall be requested from the Southwest Interagency Coordination Center, using the Resource Order Form. Regardless of the National Guard units used, the requesting agency must assign a qualified liaison officer to work with the National Guard Officer-in-Charge. The using agency is responsible for reimbursing the National Guard unit(s) for fuel, oil, parts, and repair of damages to National Guard Equipment.

1. Arizona. **Except for units within the Central Arizona Zone, all requests for National Guard assistance will be placed through channels to SWCC.** SWCC will place all resource orders for National Guard assistance with Arizona State Forestry. Units within the Central Arizona Zone may place requests direct with Arizona State Forestry.

2. New Mexico. **Except for units within the North Central New Mexico Zone, all requests for National Guard assistance will be placed through channels to SWCC.** SWCC shall place all resource orders for National Guard assistance with New Mexico State Forestry. Units within the North Central New Mexico Zone may place orders direct with New Mexico State Forestry.

22.5 - USE OF AND ASSISTANCE TO THE MILITARY

A. Specific channels between the Forest Service and military organizations have been established. Maintaining these channels will do much to alleviate problems that have previously developed when other units have called these organizations direct.

1. White Sands Missile Range. The Lincoln National Forest has established contacts and works direct with Holloman Air Force Base, which has jurisdiction over the White Sands Missile Range.

2. Fort Bliss Military Reservation. Gila National Forest has established contacts and works directly with the Fort Bliss Army Headquarters.

3. Fort Huachuca Military Reservation. Coronado National Forest has established contacts and works directly with Fort Huachuca Army Headquarters.

B. Where mutual plans for support have been made locally with military units, that Forest may request or provide assistance direct. Requests will not normally be made to the military until all civilian and National Guard resources of the type needed have been committed. The Coordination Center will be notified when requests for assistance are received from military organizations or when military resources are committed to an incident. The Coordination Center will inform NIFCC when military resources are committed in the Southwest Area so the Sixth Army can be advised.

C. Requests for military assistance not covered by appropriate letters of agreement will be documented on a resource order form and submitted through the Coordination Center to NIFCC. At the time of request, the following information must be furnished:

1. Situation, this will include information on the type of incident, location, resources threatened, manpower, aircraft, and equipment presently committed.

2. Planned mission for the military.

3. What is needed from the military.

4. Forest/agency liaison (Military Liaison Officer) with the military. Include liaison's name, title, and telephone number where he may be contacted.

5. Provider of billeting facilities for the military.

6. Specify time and known location where the Military Liaison Officer and military can meet to proceed to incident camp or staging area.

D. A Military Liaison Officer will be assigned to each military unit. The Military Liaison Officer will be well qualified and familiar with fire or other incident operations and communications procedures. These Liaison Officers assigned to military aviation units such as helicopters, fixed wing aircraft, etc. will be carefully selected for their air operations knowledge. They should have no other duties to detract from the assignment. On advice from the Incident Forest, the Southwest Area Coordinator shall select the Military Liaison Officer to be assigned. See Chapter 60.61.

E. The military shall provide necessary support to keep their equipment operational. Any special materials and/or supplies needed for the military assistance required should be determined at time of request.

F. It is the responsibility of the Southwest Area Coordinator to submit the daily situation report to the cooperating military control and operational centers through NIFCC.

G. Requests for military helicopters will be made only when Forest Service or other agency charter or contract helicopters are insufficient, unsuitable or not readily available. The Regional Forester MUST approve use of military helicopters on Forest Service lands in the Southwest Area.

1. The Regional Air Officer will establish procedures to ensure that qualifications of military personnel and equipment used will be equal to the minimum standard required for like contract or charter services. In addition the National Helicopter Operations Study requires that all "other agency" helicopters must meet Forest Service standards. This includes military helicopters. Refer to Section 25 for requirements and sideboards for using military or rental-agreement helicopters.

2. Briefing of the military on arrival is the responsibility of the Regional Air Officer. Incoming military personnel will be briefed on the following:

a. Existing weather conditions.

b. Mission requirements.

c. Manifesting and downloading requirements.

d. Heliport/helispot locations.

e. Communications requirements.

f. Pilot flight time limitations.

g. Facilities; messing, berthing, fueling, etc.

3. The unit dispatcher shall acquire the aircraft empty weights and a list of pilots to be compared with the approved list and pass to the Air Support Group Supervisor.

4. All personnel shall do everything possible to assist in maintaining a good integrated and coordinated working relationship between the military and Forest Service and/or agency personnel.

DEMOBILIZATION

22.11 - SOUTHWEST AREA DEMOBILIZATION GUIDELINES AND PROCEDURES.

A. The demobilization of a large fire and/or multiple fires requires good management and coordination. In many instances, demobilization occurs at the same time mobilization is in progress elsewhere. Good coordination and management of demobilization will save money and provide for safe and effective use of resources.

B. The Southwest Area Coordinator will advise the Incident Commander of any regional or national priorities to be included in the Demobilization Plan. He will approve the demobilization schedule and may freeze or divert any item(s) that may be needed elsewhere. He will also determine the need for and implement reassignment centers as needed, informing the fire team Demobilization Unit Leader and the incident dispatchers whenever a staging or reassignment center must be established.

C. Dispatch offices may be requested to remain open throughout a heavy demobilization period. Dispatchers shall close out the resourse order when released personnel or equipment arrives at the home unit.

D. Resources will be demobilized through the same dispatch channels in which they were mobilized.

E. The following release priorities will apply unless otherwise notified.

1. Crews

    a. Type II - Out-of-region agency regulars

    b. Type I - Southwest Area hotshot crews.

    d. Type I - Out-of-region hotshot crews.

    e. Type II - Organized crews (SWFF, SRV, etc).

        (1) Consider using ground transportation for Southwest Area crews.

2. **ICS Command and Logistics Radio Systems**

a. When the the #4390 Starter System is no longer needed on the incident, it will be assembled, checked to ensure all radios and other components have been turned in, boxed, and returned to the Boise Radio Cache via air freight or charter aircraft to be reconditioned and made ready to be sent to another incident.

3. Helicopters

a. Southwest Area helicopters.

b. Out-of-region helicopters.

4. Engines

a. Southwest Area engines.

b. Out-of-region engines.

5. Fire Cache items

a. Assemble and ship all items to the appropriate fire cache as soon as need on the fire is over.

22.21 - MOBILIZATION/DEMOBILIZATION CENTERS

A. Primary mobilization/demobilization centers in the Southwest Area are located in Phoenix and Tucson, AZ; Albuquerque and Roswell, NM; and El Paso, TX. These centers will be activated by resource order from the Coordination Center to the local Zone Dispatch Center whenever resource orders to move personnel and crews by large aircraft are received; or information is received that crews or overhead will be returning to the Southwest Area through those airports. Other "centers" where overhead and crews may be mobilized and held pending assignment or transport to a primary center are available at designated locations.

1. Southwest Area mobilization and reassignment centers have a policy of a closed camp.

B. The National Interagency Fire Coordination Center shall initiate requests for support that charter or contract aircraft/flight crews may need.

C. Media personnel will check in with the Staging Area Manager upon arrival. All discussion with firefighters or staging personnel will be cleared with the Staging Area Manager before interviews will be granted.

MOBILIZATION

A. Dispatchers will normally be requested to have their crews and overhead at the mobilization center at a specified time. Unless permission is obtained from the center, travel should be adjusted so the resource will not arrive more then one hour prior to that time.

B. Busses and other transport to move departing resources from the mobilization center to the airport will arrive at Center at least one and one-half hours prior to departure time of scheduled aircraft.

C. Crews superintendents and/or chief-of-party should be instructed:

1. To have their manifests and all other paperwork completed prior to arrival at the staging area. (The recruiting unit will complete everything on the manifest except the body, cargo, and total weight. This will be done by Mobilization Center personnel.)

2. To contact the Zone Office or mobilization center when 30 minutes to one hour away to receive updated information on aircraft ETA's, changes in destination, etc.

a. Contact Albuquerque Mobilization Center via radio on 171.450 or by telephone (505) 873-4065.

b. Contact Central Arizona Zone Office via radio on 168.350 or by telephone (602) 225-5352.

3. To fuel and clean out vehicles before arrival at the mobilization center.

4. On arrival, check in immediately with the **Mobilization Center** Manager. **Notify the Manager of any vehicle maintenance problems or if vehicle has not been fueled. Keys for all vehicles that will remain at the mobilization center will be turned over to Mobilization Center Manager.**

5. That on arrival at the mobilization center crews must be kept together. Notify personnel they must remain in close proximity to the mobilization center so they can be moved out rapidly when required.

D. Mobilization Center Manager or designated mobilization center personnel will ensure that personnel **departing on aircraft** do not have fusees in their packs and that any equipment with fuel tanks **and/or** fuel carrying containers are emptied and purged prior to loading on aircraft.

E. The Mobilization Center will not assume the responsibility of the recruiting unit for screening and outfitting of resources (ie. no boots, gloves etc.). Any discrepancies noted will be brought to the attention of the SWCC Coordinator for documentation and a decision.

F. "Double lunchs" shall be provided to crews by the recruiting unit. Lengthly prior notification is necessary before the Mobilization Center can provide lunchs. A sack lunch or hot meal MAY be provided by the mobilization center when an extended delay in departure occurs.

1. Albuquerque center requires 4 hour advance notice to supply meal/sack lunch for a crew.

G. When resources will be assembled at Albuquerque or Phoenix but the mobilization center will not be needed, the Coordination Center should notify the **Zone** Dispatchers even if they are not expected to be providing assistance. This keeps them aware of what resources will be in or going through their area and, if they are contacted by a crew leader, strike team leader, or chief-of-party for assistance, they are in a better position to respond. **Standard operating practice should be to inform any local dispatch center if resources may be assembled in their area.**

DEMOBILIZATION

1. When information is received of crews or overhead arriving at airports other then at their home unit, the Coordination Center will contact the **Zone Dispatcher having control of resources through that airport**, passing the information. The Coordination Center will then notify the home unit of the release information. **The zone/mobilization center manager** will coordinate with the home unit to confirm return transportation details to the home unit. Transportation for arriving resources will be at the Center 1 hour prior to scheduled aircraft **arrival time**. If the time between notification and aircraft ETA is not sufficient to meet the 1 hour deadline, prior to an aircraft's arrival, transportation will be arranged by the Center.

B. When travel starts from the mobilization center to the home unit, the mobilization center dispatcher will call the Coordination Center with the ETA to the home unit.

C. The Coordination Center will relay the travel data and ETA to the home unit.

D. All units are requested to notify the Coordination Center of any contacts, travel plans, or ETA's received from their personnel that has not come through normal dispatch channels.

E. LATE NIGHT ARRIVALS. Decision of further travel from the staging areas to home units late at night will be made on a case by case basis. This decision will be made by the Southwest Area Coordinator, in conference with the home units and the mobilization centers. Guidelines for further travel will be safety, logistic and fiscal integrity.

22.31 - PRESUPPRESSION ORDERS

A. The Coordination Center will coordinate requests for detailers for "presuppression" fire assignments to and from the Southwest Area. Southwest Area forests will forward all requests for presuppression detailers to the Coordination Center. Presuppression order information will be documented on the special presuppression order form. This form is a supplement, or information worksheet, to the standard resource order form. All pertinent items on the form should be completed. This will give the prospective detailer complete information of the requesting units needs. All persons filling details from the Southwest Area should have access to both sheets of the completed presuppression order form before travel is commensed.

1. Orders will be made direct between Area Coordinators, except that presuppression orders to Region 5 will be placed with the North Zone Dispatch.

2. When the sending and receiving units are confirmed, the Coordination Center should request these units work directly with each other to confirm the following:

a. Handling time and attendance reports and processing travel vouchers.

b. Travel advances.

c. Completing SF-52 by the requesting unit.

d. Completing AD-350 by the sending unit as needed.

3. Travel itineraries should be relayed through normal dispatch channels.

4. The Coordination Center should not be involved in filling requests for detailers for other functional asignments, e.g., for Timber, Range, or other units.

5. Each Regional Office and/or Forest Staff should work directly with one another to meet their detailer needs. The Coordination Center will provide input as requested, but not take on the job of coordinating and filling requests for detailers. If the dispatchers on forests or in the Coordination Center are contacted by staff units, they should be reminded to keep their Personnel and Administrative Management sections up-to-date on requests for detailers.

6. Prior approval by the Department Office of Personnel is required for details of Forest Service employees to other Federal Agencies except where agencies have entered into long-standing agreements or memoranda of understanding. The Joint Powers Agreement on Fire Protection and the Interagency Agreement between the Bureau of Land Management, Bureau of Indian Affairs, National Park Service, U.S. Fish and Wildlife Service of the Department of Interior and the Forest Service represent our long-standing agreements to detail employees without Department approval for Fire Suppression and Presuppression.

DISPATCH CHANNELS - ARIZONA

NATIONAL INTERAGENCY
FIRE CENTER
BOISE

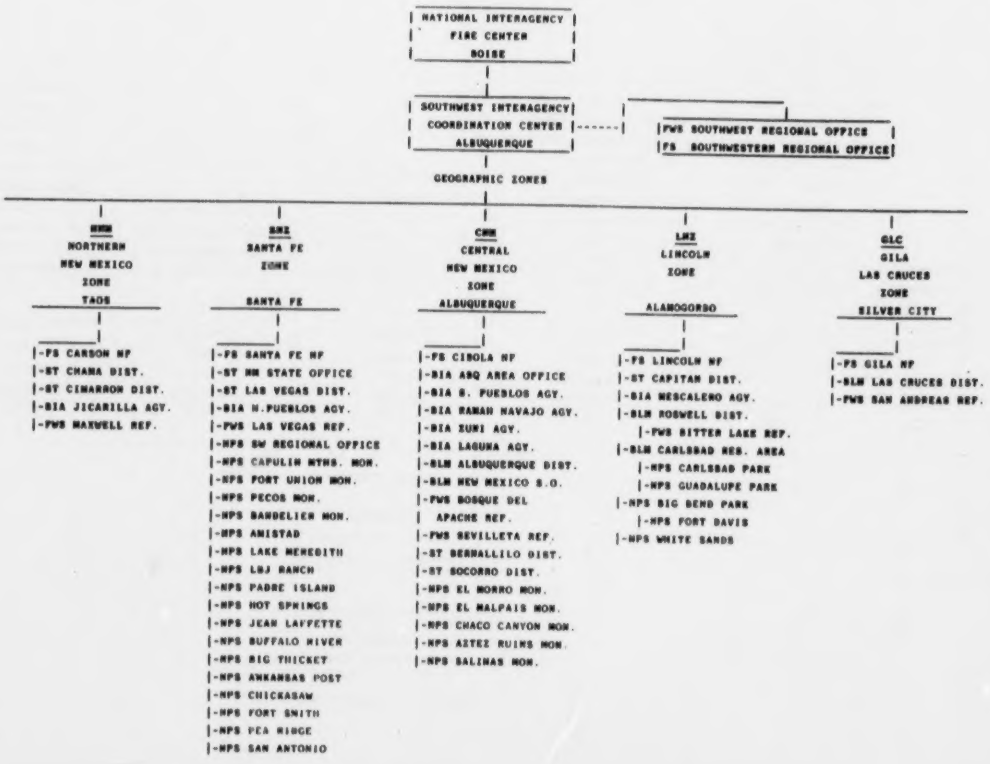
SOUTHWEST INTERAGENCY
COORDINATION CENTER
ALBUQUERQUE

GEOGRAPHIC ZONES

WMZ	**NEAZ**	**NWAZ**	**CAZ**	**SEAZ**	**ASO**	**AZS**
WHITE MOUNTAINS ZONE	NORTHEAST ARIZONA ZONE	NORTHWEST ARIZONA ZONE	CENTRAL ARIZONA ZONE	SOUTHEAST ARIZONA ZONE	ARIZONA	ARIZONA
SPRINGERVILLE	FLAGSTAFF	WILLIAMS	PHOENIX	TUCSON	PHOENIX	PHOENIX

-FS APACHE-SITGREAVES
-BIA FT.APACHE AGY.
-NPS PETRIFIED FOREST PARK
	-FS COCONINO NF
	-BIA HOPI AGY.
	-BIA NAVAJO AREA
	-NPS SUNSET CRATER-WUPATKI
	-NPS TUZIGOOT MON.
	-NPS MONTEZUMA CASTLE MON.
	-NPS NAVAJO MON.
	-NPS CANYON DE CHELLY MON.
		-FS KAIBAB NF
		-BIA TRUXTON CAN.AGY.
		-NPS GRAND CANYON NP
		-NPS LAKE MEAD NRA
			-FS TONTO NF
			-FS PRESCOTT NF
			-NPS SO. AZ. GROUP
			-NPS TONTO NAT. MON.
			-BIA PHOENIX A.O.
			-BIA PIMA AGY.
				-FS CORONADO NF
				-BIA PAPAGO AGY.
				-BIA SAN CARLOS AGY.
				-NPS CHIRICAHUA NM
				-NPS ORGAN PIPE NM
				-NPS SAGURO NM
				-NPS TUMACACORI NM
				-NPS CORONADO NM
				-NPS CASA GRANDE NM
				-FWS BUENOS AIRES
				-FWS SAN BERNARDINO
					-BLM ARIZONA S.O.
					-BLM AZ.STRIP DIST.
					-BLM PHOENIX DIST.
					-BLM SAFFORD DIST.
					-YUMA DISPATCH
					  -BLM YUMA DISP.
					  -BIA FORT YUMA
					  -BIA COLORADO RIVER
					  -FWS HAVASU REF.
					  -FWS IMPERIAL REF.
					  -FWS CIBOLA REF.
					  -FWS KOFA REF.
					  -FWS CABEZA PRIETA REF.
						-STATE FORESTRY

DISPATCH CHANNELS - NEW MEXICO


NATIONAL INTERAGENCY
FIRE CENTER
BOISE
SOUTHWEST INTERAGENCY
COORDINATION CENTER
ALBUQUERQUE
FWS SOUTHWEST REGIONAL OFFICE
FS SOUTHWESTERN REGIONAL OFFICE
GEOGRAPHIC ZONES
NNM
NORTHERN
NEW MEXICO
ZONE
TAOS
-FS CARSON NF
-ST CHAMA DIST.
-ST CIMARRON DIST.
-BIA JICARILLA AGY.
-FWS MAXWELL REF.
SNZ
SANTA FE
ZONE
SANTA FE
-FS SANTA FE NF
-ST NM STATE OFFICE
-ST LAS VEGAS DIST.
-BIA N.PUEBLOS AGY.
-FWS LAS VEGAS REF.
-NPS SW REGIONAL OFFICE
-NPS CAPULIN MTNS. MON.
-NPS FORT UNION MON.
-NPS PECOS MON.
-NPS BANDELIER MON.
-NPS AMISTAD
-NPS LAKE MEREDITH
-NPS LBJ RANCH
-NPS PADRE ISLAND
-NPS HOT SPRINGS
-NPS JEAN LAFFETTE
-NPS BUFFALO RIVER
-NPS BIG THICKET
-NPS ARKANSAS POST
-NPS CHICKASAW
-NPS FORT SMITH
-NPS PEA RIDGE
-NPS SAN ANTONIO
CNM
CENTRAL
NEW MEXICO
ZONE
ALBUQUERQUE
-FS CIBOLA NF
-BIA ABQ AREA OFFICE
-BIA S. PUEBLOS AGY.
-BIA RAMAH NAVAJO AGY.
-BIA ZUNI AGY.
-BIA LAGUNA AGY.
-BLM ALBUQUERQUE DIST.
-BLM NEW MEXICO S.O.
-FWS BOSQUE DEL
APACHE REF.
-FWS SEVILLETA REF.
-ST BERNALLILO DIST.
-ST SOCORRO DIST.
-NPS EL MORRO MON.
-NPS EL MALPAIS MON.
-NPS CHACO CANYON MON.
-NPS AZTEZ RUINS MON.
-NPS SALINAS MON.
LNZ
LINCOLN
ZONE
ALAMOGORDO
-FS LINCOLN NF
-ST CAPITAN DIST.
-BIA MESCALERO AGY.
-BLM ROSWELL DIST.
-FWS BITTER LAKE REF.
-BLM CARLSBAD RES. AREA
-NPS CARLSBAD PARK
-NPS GUADALUPE PARK
-NPS BIG BEND PARK
-NPS FORT DAVIS
-NPS WHITE SANDS
GLC
GILA
LAS CRUCES
ZONE
SILVER CITY
-FS GILA NF
-BLM LAS CRUCES DIST.
-FWS SAN ANDREAS REF.

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

SECTION 23 - PERSONNEL

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23.1 - INDIVIDUAL OVERHEAD

A. ICS Positions. Requests for individual overhead positions will comply with the descriptions in **FSH 5109.17, Wildland Fire Qualification Subsystem Handbook**, NWCG Fireline Handbook (410-1) and the NIIMS Qualifications and Certification Handbook (310-1).

B. Additional Skills Positions. Other often-called-for positions, not listed in the Wildland Fire Qualification Subsystem program, have been identified and are listed in the Users Guide. All units should identify individuals who meet the job description and/or criteria and are qualified for these positions and enter the position into Card 5 of Form 320 for inclusion in the Fire Qualifications Positions Report and the OVERSTAT program. Qualification criteria for some of these positions is found in the Wildland Fire Qualification Subsystem Guide and in the Fireline Handbook.

C. Closest Resource. To fill overhead position requests for incidents within the Southwest Area, units closest to the incident, regardless of agency, shall be contacted first.

D. Overhead Mobilization, Use of Light Aircraft. For overhead mobilization, dispatchers must keep in mind that passengers carrying fire packs and other equipment can rapidly overgross or fill an aircraft. In most cases, an aircraft must be ordered with a seating capacity of at least one or, dependent on amount and weight of baggage and passengers, two extra passenger seats over the number of passengers to be carried. This should allow a safety factor for weight as well as provide adequate space for gear.

E. Out-of-Region Assignments. Based on the percentage of personnel in the Fire Qualifications System (excluding firefighters, squad bosses and crew bosses), all efforts shall be made to equally distribute all requests received for overhead assignments outside of the Southwest Area between all agencies.

F. Overhead and Individual Firefighter Releases. Any request for release of Southwest Area personnel that is not of a verified family emergency will be made directly to the Director of Aviation and Fire Management or his acting. (This from 9-12-87 R3 5130 letter)

23.2 - DISPATCHERS AND COORDINATORS (See Chapter 60, Section 64 of National Mobilization Guide.)

A. The number of dispatchers available for assignments to expanded dispatch situations has been greatly reduced. Evaluate your needs closely when ordering persons to fill dispatch positions. Don't order a Supervisory Dispatcher when a Support Dispatcher (expanded dispatch) can do the job or a Support Dispatcher when a Dispatcher Recorder will suffice.

23.3 - LAW ENFORCEMENT OFFICERS/SECURITY MANAGERS/SECURITY GUARDS

A. Law Enforcement Officers / Investigators

B. Security Managers

C. Security Guards

1. NPS - Because of individual and agency liabilities involved, the Park Service cannot provide law enforcement assistance to the Forest Service other than for the ICS defined staff positon of Security Manager.

23.4 - MEDICAL UNIT LEADERS / EMT'S

A. Medical Unit Leaders. Agency personnel from any agency may be utilized on other agency incidents in the ICS defined staff position of Medical Unit Leader.

B. EMT's. EMT's going from one state to another state, if a federal employee, fall under the same category as military, therefore can perform EMT duties on all Federal lands. Office of General Council decision made on this problem.

23.5 - FIRE COMPUTER SUPPORT PERSONNEL

A. In order to avoid confusion, use the terms Computer Coordinator, Computer Technical Specialist, and Data Entry Recorder when ordering this type of personnel during the 1989 fire season.

1. The position titles on page 60-15 of the National Mobilization Guide have been proposed to NWCG as a standard for position terminology; however, until NWCG acts on proposal, training and documentation for both InciNet and InSysT (the data communication kits) will continue to use the same terminology used in the past year.

23.6 - CREWS (See Chapter 60.62, Region 3 Mobilization Plan & Part 23.3 of National Mobilization Guide)

A. **Out-of-Area Crew Rotation List.** A crew rotation list for dispatch of Southwest Firefighter (SWFF) Crews, Interagency Regular Crews and Hotshot Crews when being dispatched outside of the Southwest Area is maintained in the Southwest Interagency Coordination Center. The following dispatching criteria will apply:

1. Crew status, as indicated on the status boards in the Coordination Center, will always be "Available" or "Committed".

2. The home unit must confirm the availability of crew(s) with the Coordination Center within 30 minutes of time the request for crews is placed.

3. A crew will be placed on "Committed" status as soon as they leave the Southwest Area. If the request is cancelled before the crew reaches destination, the crew will not lose their place on rotation.

4. Crew will be placed on "Available" status in order of return to the Southwest Area. Crews returning to the Southwest Area at the same time will go on the "Available" list in the same order as they were dispatched.

5. Out-of-region rotation guidelines will be adhered to whenever possible. However, aircraft logistics, time frames and dollars may make it necessary to use the closest crew(s) available, requardless to their position on the rotation list.

6. Crews assigned to an incident in-region will not loose their place in the out-of-region rotation list.

B. Crews will be ordered by TYPE. Only 2 types of crews are recognized for National or Interagency Assignments. Refer to NWCG Fireline Handbook, 410-1.

1. Type 1. (Hotshot Crews). (See part 60.62)

2. Type 2. . (SWFF, Interagency Regular, and Agency Regular Crews)

a. Southwest Firefighter Crews (SWFF). These crews are hired under the Emergency Firefighter Pay Plan. (See Interagency Fire Business Management Handbook, FSH 5109.34, Section 13.6

b. Interagency Regular Crews - Crews have been identified and are available for dispatch, as required, to incidents both in and out of the Southwest Area. (See 60.64)

c. Agency Regular Crews. Regular government employees of FS, BLM, BIA, NPS, etc. that can be mobilized into crews for needs within or outside of the Southwest Area. These crews will not be included in the rotation schedule with Southwest Firefighters or Interagency Regular Crews.

C. Interagency Resource Representative (IARR). An Interagency Resource Representative shall be assigned to ALL incidents when 100 or more personnel are involved.

23.7 - ADMINISTRATION OF SWFF FIREFIGHTER CREWS (CASUALS)

A. Administering units are responsible for the items identified below. Refer to Section 60.64 for listening of Type 2 crews.

1. Administer physical fittness tests (step test or 1 1/2 mile run).

2. Schedule and attend organizational meetings as needed and conduct training of all persons.

3. Prepare identification cards and issue to crew members.

4. Mobilize firefighters into crews, issue necessary protective equipment, and inspect individuals for readiness for fire assignments.

5. Prepare Fire Time Reports and manifests on initial signup at assembly point. Leave the weight column(s) blank as weights will be entered at mobilization centers.

6. Provide ground transportation to and from assembly points, airports, or staging areas.

7. Arrange for and assign Crew Representatives to each crew. (Each crew consists of a maximum of 20 individuals, which includes Crew Representative, Crew Boss, and any trainees assigned.)

8. Provide sack lunches and/or meals, and handtools as requested.

9. Process forms, documents and statements as needed to provide treatment of job-related injuries and compensation in case of disability or deaths to firefighters or survivors, as appropriate.

10. Follow up on unsatisfactory performance and initiate appropriate disciplinary action.

23.8 - RAPELLING AND SMOKEJUMPING (See also Section 25.5 E)

A. There are four rapelling crews located in the Southwest Area, located on the Cibola, Gila, and Coronado (2) National Forests. These rapelling crews may work on other Forest or agency lands. Orders for the crews will be placed through normal channels. Rapelling remains limited to use of the Bell 206 L-3 helicopter for Forest Service use.

B. Gila/Los Cruces Zone shall maintain facilities at the Silver City/Grant County airport and provide support for a smokejumper crew which may be ordered for suppression as the need arises.

23.9 - INCIDENT MANAGEMENT (OVERHEAD) TEAMS (See R3 Mob Plan 60.62 and National Mob Guide Section 23.5 & Chapter 60, Part 61)

A. Southwest Interagency Incident Management Teams

1. An Interagency Incident Management Team Board, hereafter known as The Board, has been established. The Board is responsible for selection of team members, monitoring and evaluating team performance, and providing team member development. One representative from each agency with wildfire suppression responsibility will constitute the Board. The Assistant Director, (Suppression), Aviation and Fire Management Staff, will represent the Forest Service, Southwestern Region, on this Board and serve as chairperson.

a. Team Composition of the interagency teams are as shown in Chapter 60.66.

b. Nomination of Available Qualified Candidates. The Board decided that to impliment a uniform process the following guidelines would be followed to nominate candidates for the Southwest Area Class I Team:

(1) Nominations will be accepted by the Class I Board only from Class II Boards.

(2) No single agency nominations will be accepted. If an agency has a special need, the agency has the responsibility to work within the local Class II area to meet the need.

(3) Nominations from Class II Boards shall be received by February 1 annually. Nominations shall be submitted to the SWCC for compilation into the list for consideration.

(4) The Class I Board shall meet the 3rd Tuesday of each February to review the nominations and select replacement members for the two Southwest Area Interagency Incident Management Teams.

c. Selection of Incident Commanders. Annually, by February 1, the Board will select the Incident Commanders for each team from the list of nominations submitted.

d. Selection of Southwest Interagency Incident Management Teams. Prior to April 1, the Incident Commanders of the two teams will meet with the Board to select their teams. Incident Commanders will serve as advisors to the Board during the selection process. Every effort will be made to ensure representation of all participating agencies. If personnel from the previous year's team continue to be available, and the Board elects to retain them, they can be selected for continuation on a team. A tenure policy **begins** with the **1989 fire season**. The following will be the GUIDELINE POLICIES of the Southwest Area for consideration of changing an existing, acceptably performing, member of the "Class I Team":

(1) Five (5) years continuous performance in one position on the team. Any change in position will begin the clock running again.

and

(2) A minimum of three assignments on the position serving in 1 above.

and

(3) No more than two (2) members of the Command/General staff will be changed at one time, and no more than six (6) members of the remaining long team will be changed at one time.

and

(4) There MUST be a fully qualified candidate to take the place of the team member considered for replacement.

Class 1 Team membership requires NO out of region freelancing for the entire fire season.

e. Team Rotation and Assignment. The Board will select and manage the two Interagency Incident Management Teams as components of a National Rotation Schedule established and maintained by the National Interagency Fire Coordination Center, through the National Mobilization Guide.

f. Criteria for Selection of Team Members. The basic objective for teams is to field the best combination of highly qualified personnel from the Southwest Area who will be assembled and trained jointly as teams prior to dispatch. This enables the team to develop a team approach to their assignments. Their preparedness and familiarization with each other enables them to maximize their strengths in what is referred to as "dynamic synergism", where the total effect of their collective effort is greater than the sum of their individual efforts. A key aspect of this process is the confidence of the Incident Commander in the individual members of the team. For this reason, the Board will consider the advice of the Incident Commanders during the team selection process. Selections are made from only the highly qualified individuals from the participating agencies in the Southwest Area.

In selecting team members, the Board will consider the following criteria as a minimum. Certain aspects of these criteria relate to individual qualifications, and are quantifiable. The means of measurement are stated. In other cases, indicators of acceptable conformance to the criteria are identified.

The last three criteria relate to management's needs, rather than individual qualifications. The Board will strive for the best possible mix of highly qualified candidates, which may require some adjustments within initial team selections to achieve these needs.

(1) Prerequisites Candidate must meet all prerequisites for Training, Experience and Physical Requirements, including agency- specific supplemental requirements where appropriate. These requirements are set forth in the NWCG publication, "Wildland Fire Qualification Guide, 310-1". Failure to meet all qualification requirements will preclude selection.

(2) Willingness. The level of interest in serving on an Interagency Incident Management Team is indicated by participation on current Individual Development Plan, availability for incident training opportunities, and support of immediate supervisor.

(3) Demonstrated Performance. Acceptable performance within the past five years, in appropriate assignments, either as a trainee or on a functional assignment. Documentation of acceptable performance will be Fire Overhead Performance Rating, SF 371, or equivalent, with a rating of "Satisfactory" (2) or better in all rating factors. Acceptable performance in a variety of fuel types, fire complexities, and in more than one position are indicators of breadth of performance. Satisfactory performance in training sessions or simulator exercises constitutes further indication of performance.

(4) Interagency Awareness. Knowledge of the Incident Command System and demonstrated ability to function with major cooperating agencies is important. Assignment within the last three years on incidents managed under ICS is desirable.

(5) Teamwork. Ability to function in a stress situation, as a contributing, supportive team member, is important. Ratings of "Superior" in Rating Factors such as "Decisions Under Stress", "Ability to Obtain Performance", or "Attitude" on Fire Overhead Performance Ratings constitute demonstrated performance.

(6) Team Balance. A broadly based balance of experience and skills are needed. Avoid team make-up that includes only limited fuel type or geographical experience. Team balance can often be improved by some exchanges of individuals within initial team selections.

(7) Representation. Representation from all units and agencies is desirable. All Forests and agencies wish to be represented on teams with at least one member. No upper limit is established except that too many people from one unit on the same team could disrupt that unit's activities.

(8) Geographical Location of Team Members. Mobilization time and cost can be reduced by selecting team members from a limited geographical area, served by the same airport. This criteria is of lesser importance than the previous ones. It is desirable and attainable only as long as unit representation and balance are met. It is not a factor to dictate initial selections, but will be considered as a basis for exchanging team members to achieve a better geographic distribution.

There is no precise system of numbers or letters that produces the team selections. The Board must exercise judgment and integrity in the selections, to retain the process as a dynamic one.

g. Inclusion of Trainees. Interagency Fire Teams provide opportunities for development of fire management skills and exposure of personnel to other functional areas for cross training. Composition of the team may include trainees for one or more positions. Inclusion of trainees will be subject to the following constraints:

(1) The jurisdictional agency will have first opportunity to assign trainees. No more than one trainee shall be assigned for each position.

(2) No more than four trainees will be dispatched with the short team, or more than 10 with the long team. When a Class I team is requested the Incident Commander will request from the jurisdictional agency the number of trainees that may be sent. The IC will notify the Southwest Area Coordinator who will fill the positions from a preplanned list of trainees.

(3) Dispatch of trainees for team assignments outside of the Southwest Area must be negotiated with NIFCC. Every effort will be made to include these individuals on such assignments to secure the exposure and development necessary to become fully qualified. The responsibility rests with the Southwest Interagency Coordination Center to promptly advise NIFCC of the trainees desired to be dispatched with the team and to seek their inclusion on the assignment.

h. Management of Southwest Area Interagency Incident Management Teams. By April 1, annually, the Southwest Area Coordinator will assemble a roster and schedule for the teams. This schedule, along with the team composition, will be published in Chapter 60 of the Southwest Area Mobilization Plan. Unless otherwise stated, the following team operational instructions will apply:

(1) Teams will not be fragmented through dispatches of a partial team. Requests for partial teams will be filled from other sources of qualified personnel.

(2) Team members must be available for dispatch within two hours during their on-call period. If a team member is unavailable for dispatch due to sickness, vacation, or any other reason, they shall notify their dispatcher who will immediately notify the Southwest Area Coordinator. The Southwest Area Coordinator shall confirm availability of an alternate from the alternate list and shall notify the team Incident Commander and all units via FNET of the substitution and the length of time this substitution will be in effect. If a position becomes permanently vacant the Southwest Area Coordinator, after consultation with the team Incident Commander, will arrange for a permanent replacement. The permanent replacement should also be taken from the alternate list. If more than two (2) vacancies occur to the short team makeup during an on-call period or the Incident Commander is unavailable, the team will not be dispatched for a National assignment.

(3) Team members may be used on fire assignments locally and adjacent to the unit with the understanding that an Incident Management Team assignment will take priority and the individual will meet availability time standards. Team members may accept non-team assignments during the period they are not on call. In case of off-unit assignments, the Southwest Interagency Coordination Center will be notified. Team members will not go on non-team assignments outside the Southwest Area.

(4) Teams will meet at a two day joint training exercise prior to May 1, annually. Joint operational plans for all functions will be developed at this exercise.

B. Interagency Class II Incident Management Teams

1. Each unit shall document in their Mobilization Plan the process to be used for selecting and managing the Southwest Interagency Class II Incident Management Teams located in their area of responsibility.

2. Agencies within each Interagency Dispatch Zone will place requests for an incident team direct to the zone dispatcher within that zone. Requests for and dispatch of Interagency Class II Incident Management Teams between zones will made be through the Southwest Interagency Coordination Center.

3. Primary fire team members will notify their local agency dispatcher whenever they are not available. The responsible agency dispatcher will notify the **zone** dispatcher of their team member's unavailability. The **zone** dispatcher will locate a replacement **from within that zone**.

4. Primary team membership on both Class I and Class II teams is discouraged, but not prohibited at this time. Management boards shall be looking toward the time this possibility could occur and begin developmental training as necessary to reduce potential disruption of either their Class II or the National Class I teams.

C. Checklist for Activating Incident Management Team.

1. The following items must be considered by units ordering either Class I or Class II incident teams.

a. **Develop Escaped Fire Situation Analysis (EFSA). Local line officer will develop with fire management support.**

b. Delegation of authority. Local line officer will designate in writing.

c. Agency Representative(s), from the local fire agency(s)

d. Comptroller, from the local fire agency(s)

e. Business Management Specialist, from the local fire agency(s).

f. Setting up a Fire Support Center with local procurement personnel to provide for ordering and transportation of equipment and supplies.)

g. Information Officer, from the local fire agency(s).

h. Ordering a National Fire Radio Cache if the local radio system is not sufficient for the fire traffic.

2. The requesting fire agency is responsible for clearly marking routes into the Command Post. The agency will give clear and concise directions to the Command Post and/or camp to the **zone dispatcher for message broadcast to FNET on the data general.**

3. The Incident Commander **shall** contact the requesting agency's representative prior to departing for the incident. An agreement will be reached on critical forces and supplies that will be needed. Any firefighting resources, equipment, or supplies that cannot be obtained locally **shall be immediately ordered through appropriate channels from** the Coordination Center or, if fire cache items, from the Regional Fire Cache. The local fire agency is responsible for initiating these orders.

4. The local Agency Representative will prepare a list of firefighting forces and supplies provided by the local fire agency. This information will be given to the Incident Commander on arrival at the fire.

23.10 - FIRE BUSINESS MANAGEMENT SUPPORT

A. Payment Of SWFF Crews On Release From An Incident. When Forest Service or BIA SWFF crews are released from an incident an ADO (Assistant Dispursing Officer) team should be set up as close to the home unit(s) as possible to pay off these crews before they are sent home and disbanded.

1. Upon receipt of the release order the Coordination Center shall contact an Coorcoordinator to request the setup of an ADO team and to coordinate the payoff of these crews. Fiscal personnel shall be contacted in the order listed below. (See FSH 6509.13a, 041, 1.).

(1) James R. McKim (Residence: 505-293-5991).
(Pager: 9-843-5391)

(2) Tony Aragon (Residence: 505-294-6229).

(3) Acting Director, Fiscal and Public Safety.

2. The responsibilities of the ADO coordinator are as follows:

a. Know how and where to contact all ADO's and their respective teams when a major incident involving casual crews is in progress.

b. Decide whether an ADO payoff will be made, based on legal and administrative requirements.

c. Determine where the ADO payoff will take place and which ADO(s) will be used.

d. Insure the selected ADO(s) have a trained ADO team and an adequate stock of checks.

e. Notify BIA Area Office representative when BIA crews are being released and coordinate who will pay off the crews.

f. Attempt verbal communication with either the Finance Section Chief or the fire Comptroller to secure a briefing of the on-the-ground situation. Determine which crews, if any, should not be paid by ADO procedures at or near the fire. This may necessitate contacting other forests or regions regarding employment status and type of agreement between firefighting crews and the Forest Service; i.e., R-1 Indian crews.

g. Determine if ADO assistance is needed from other regions.

h. Advise the Coordination Center of these decisions and payoff instructions on ADO of crews.

(1) The ADO payoff instructions should be passed to the receiving unit and demobilization center with the release information.

B. Payment of SWFF crews on State fires. ADO Fire Pay Plan is for use only when the incident occurs on Federally protected property. SWFF crews used on State incidents, the State must pay off crews unless the state turns the fire over to the Forest Service. If State does this, then the incident is considered to be on Federally protected land.

C. Off-Forest Fire Comptroller. Approval of off-forest personnel assigned to the Comptroller position will be granted by the Director of Fiscal and Public Safety or by the acting director.

D. Forest Service Buying Unit Teams. There are two Buying Unit Teams organized in the Southwest Area. Each team will be composed of five persons per team. These teams have been formed to support incidents in the Southwest Area but may be made available for national emergencies as well.

1. Members of the buying unit teams are committed to the team and are not available to accept other assignments. Team members shall notify their team leader when unavailable for assignment so that a replacement can be found. The Team Leader will notify the Team Coordinator who will assign an "alternate" when the team member becomes unavailable. Alternates are free to accept other fire assignments as available.

a. Team Coordinator - Rick Willis (505) 898-2623

Alternate -------- Sue Crowder (505) 898-6057

2. Dirpatching Procedure

a. A Unit places an order for a Buying Unit Team with SWCC Overhead Desk, assigning five seperate Request Numbers to the order, one for each team member.

EX: "Resource Requested is a Buying Unit Team. Request Numbers O-12 thru O-16 are assigned for the team members." Date/Time Needed and Deliver To information will be given.

b. Overhead Desk will contact Buying Unit Team Coordinator who advise which team should be called out and if any alternates are replacing regular team members.

c. Overhead Desk will enter each individuals name and home unit on the Resource Order, using the Request Numbers assigned. Notify Zone Dispatcher where the team members are located, handling as a "name request" overhead order. Units should make transportation arrangements so team members can travel together whenever possible.

d. Upon arriving at the designated delivery point the team leader will report to the requesting unit's administrative officer or designated representative for further information and instructions.

3. For BIA incident, a FS Buying Unit Team may used. A BIA Purchasing Agent would be assigned to work with the team and make the payments. For other Interior agencies and "State" requests, ask the ordering unit if a FS buying unit team may be used. If not, place order with BIFC. There are no Interior buying unit teams in the Southwest Area.

E. Forest Service Class A ADO Teams. Class A ADO Administrative Payment Teams are extensions of our existing ADO Regional organizations and can write Treasury checks for payments to vendors for equipment, services, and supplies for emergency situations. The Class A ADO Team will consist of:

ADO Team Leader
Procurement Officer
Voucher Examiner
Typist
Imprest Cashier (optional)

1. Orders for a Class A ADO Team shall be placed with the Southwest Area Coordination Center who will pass the request to Director, Fiscal and Public Safety.

F. When ordering Administrative (Buying Unit Teams) or Fiscal (Class A or Class B ADO Teams) keep in mind that:

1. To procure supplies for an incident, order a Buying Unit Team.

2. To pay bills on a large incident or multiple incidents, order a Class A ADO Team.

3. For Crew Payoffs, order a Class B ADO Team.

a. While Class A ADO Teams may pay crews at the incident, normal procedure is to release crews to their home unit for payoff or to pay them off at a point close to their home unit and immediately

provide transportation to their home unit for release. A Class B ADO Team will be assigned to make this payoff when crews are released.

G. Additional Fire Suppression Support. Requests for additional business management personnel should be directed to the ADO **Coordinator or Buying Unit Team Coordinator**. This relates when the Southwest Area Coordinator has "run out" of people and needs additional assistance.

23.11 - INCIDENT/PROJECT ORDER NUMBER AND REQUEST NUMBER USE

A. When dispatching/sending overhead, crews, or equipment/supplies to an incident the Incident/Project Order Number and the Request Number the resource was ordered under must be included in the dispatch instructions to all individuals. Whenever possible, a copy of the resource should be given to all individual overhead; chief-of-party; and/or Crew Representative/Crew Superintendent. Individuals, chiefs-or-party, etc. will notify the Incident Documentation Unit Leader or Status/Check-in Recorder of the order and request number when checking into the Incident Base or Staging Area. This will greatly assist in closing out resource requests at the incident and in deombilization.

23.12 - ON CALL

A. Individuals are not in a pay status.

B. Individuals will have their fire packs in relatively close proximity to their person at all times and be prepared to depart with little loss of time.

C. Individuals are responsible for keeping their respective dispatch office currently advised on how they may be contacted when not at their normal work location or at home.

23.13 - ORDERED STANDBY

A. Notification of standby status will be documented on the resource order form.

B. Individuals in "standby" status will remain in a specified location, fully outfitted and ready for immediate assignment. Normally, individuals will not be placed on "ordered standby" and remain at home.

C. Ordered standby will not exceed 8 hours pay in any one calendar day.

D. If the standby is for a specific fire, all time will be charged to that fire. Other "ordered standby" will be charged to FM funds.

E. Refer to the Interagency Fire Business Management Handbook (FSH 5109.34) Section 12.3 for additional information on standby.

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

SECTION 24 - EQUIPMENT AND SUPPLIES

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24.1 - SOUTHWEST AREA FIRE CACHES

A. Category I Fire Caches

1. Two major fire caches (Category I Fire Caches) are located in the Southwest Area; at Pinal Air Park, Marana, Arizona and at Silver City, New Mexico. Stocking levels, listing NFES catalog numbers, and ordering procedures for items available from these caches are located in the Southwest Interagency Fire Equipment Catalog.

B. Operating Procedures

1. All Forests/agencies within the Southwest Area shall order direct from Catagory I Fire Caches. When supply orders for going fires are placed with a Catagory I Fire Cache, that cache shall fill the order from the closest Category I or II cache within the Southwest Area. When ordering items from other caches within the Southwest Area, the original Incident Order Number and Request Numbers will be used.

b. When all sources within the Southwest Area have been contacted, items not located shall be ordered, through the Coordination Center, from NIFCC. Again, the Incident Name, the original Incident Order Number and Request Numbers will be used.

2. Once the incident is over, except for local forest/agency supplies or to resupply a local cache, all equipment and supplies returned from that incident will be sent to the nearest Catagory I Fire Cache for refurbishing and redistribution.

C. Reordering Guidelines

1. Other than the Category I Cache closest to the incident, all units/caches should replace supplies sent to the incident as soon as practical. A resource order, using the same incident name but using that unit's own Incident Order Number shall be used when ordering replacement items. Request numbers shall be in numerical sequence as with a NEW order number. Place this order with the Category I cache with whom you normally deal.

2. During the regular Southwest Area fire season Catagory I Caches will process and fill all fire replacement orders received, regardless of agency. Transportation of supplies will be negotiated with the requesting unit. If requested, Catagory I Caches will make delivery of all supplies ordered.

3. Items the Category I Cache cannot fill will be ordered through the Coordination Center to NIFCC. The same Incident Name will be used in block 2 and the replacement unit Incident Order Number and Request Numbers will be used. The address to which the supplies will be sent will be entered into Block 5. A realistic delivery date will be given.

4. Catagory I Fire Caches will not submit replacement orders for supplies until all supplies have been returned from the incident. Then items not returned will be ordered and charged to the incident for which they were originally ordered. An exception will be for certain expendables or when the cache inventory has dropped to a level where the cache will be unable to supply other incidents.

D. Lost or Destroyed Supply Items

1. The Catagory I Cache Manager will send the Coordination Center a complete list of items not returned from the incident.

E. Cache Locations

1. For information on locations and types of base cache units available in the Southwest Area, refer to Section IV. of the Southwest Interagency Fire Equipment Catalog.

24.2 - ORDERING AND REPLACING ICS COMMAND/LOGISTICS RADIO SYSTEMS

A. About March 1 Radio Starter Systems shall be ordered by the Coordination Center and prepositioned in Phoenix (Tonto NF Cache) and Albuquerque (Southern Pueblos Fire Cache). A seperate Resource Order shall be used for each system location, Phoenix and Albuquerque. Incident Name shall be "Large Fires" on each order.

B. When a unit has an incident requiring a radio system, they shall place a resource order to SWCC for that system.

1. The Coordination Center Equipment Desk shall place this "Equipment" Resource Order with the closest Zone office, either Central New Mexico or Central Arizona Zone. A seperate Resource Order shall be used for each system location, Phoenix and Albuquerque.

a. On the origional resource request, document that the system has been sent to the new incident by entering the date, incident name and number in released portion of block 12.

b. Notify BIFC Equipment Desk the system is committed, giving them data in Blocks 1 through 11 from the new Resource Order. BIFC will fill out a Resource Order documenting that the radio system has been committed to the incident. (Block 11, LAT/LONG, is very important)

2. SWCC will immediately place an order with the NIFCC Equipment Desk for a replacement system, using the same Incident Project Name/Order Number as used for the system sent to the incident, and assigning the next Request Number. Request billing to 0316000040l, giving AFM/SWCC as billing address.

3. When another Incident occurs and a system is sent out, repeat instructions from "B", above, assigning the next Request Number (Block 12). Be sure you use the correct Resource Order when ordering the next system.

24.3 - GUIDELINES FOR SOURCES OF SUPPLY PLAN (See also Section 30.15)

A. To provide ready reference and guidelines to follow when securing supplies, services, and equipment for fire emergencies, procurement of supplies shall be done at the local level to the extent that it is practical and economical. Each unit will prepare its own fire supply plan, listing key personnel and duties. Forests shall maintain, as part of their supply plan, a listing or a separate card file of the local sources and 24-hour contacts on supplies, services, and equipment. The Coordination Center will provide procurement support to any unit requesting assistance.

B. The following types of equipment should be placed on Fire Equipment Rental Agreements prior to need.

Item	Source
1. Dozers	Contractors on or adjacent to National Forests; heavy equipment dealers. Heavy equipment lease/rental firms.
2. Lowboys	Same as above; also check trucking firms.
3. Water tenders (potable)	Equipment rental firms Dairies Military units Speciality vendors

4. Water tenders (nurse tankers)	Equipment rental firms Local contractors City and county agencies Fire speciality vendors (rural fire departments)
5. Refrigerator vans and trucks	Equipment rental firms Produce hauling firms Dairies
6. Shop trucks (with welders, tools.	Equipment rental firms Operators and shop owners on or adjacent to National Forests.
7. Service trucks	Generally furnished by vendor Equipment rental firms Earth moving contractors
8. Fuel delivery and storage trucks	Local bulk petroleum dealers Metropolitan area distributors Military cooperators Trucking firms
9. Small engines 200-500 gallon	Operators on or adjacent to the Forest. Fire protection corporation (rural fire departments) Equipment rental firms Private individuals
10. Busses (school type)	Local school districts (at Ranger District locations) Local school transportation contractors
11. Charter busses 40 passenger +	Local charter lines Local stage lines
12. Chain saws/fellers	Logging and TSI contractors
13. Portable toilets	Local metropolitan area vendors Porta-Jon, etc.
14. Office type trailers	Trailer sales

C. The following items of service and supply should be procured through a Fire Only Blanket Purchase Arrangement.

Item	Source
1. Restaurant meals	Local restaurants strategically located near Ranger Districts, Supervisors Offices, and airports. Area catering units and church groups.
2. Grocery items fresh fruit, etc. tobacco products	Local food chains Produce wholesalers
3. Clothing, boots, commissary items	Local dry goods chain Local independent suppliers
4. Hardware items barrel pump fittings, tools, auto parts	Local chains and independent outlets. Parts stores dealerships and garages
5. Ice, block, cubed, etc.	Local firms offering produce; acquire a source in each large town on or adjacent to the Forest if possible

D. The following items of service and supply should be obtained by signing of Rental Agreements at time of hire.

Item	Source
1. Pickups, carryalls, light trucks	Local dealers with lease/rental Local car and truck rental agencies such as Hertz, Ryder, Nationwide, etc.
2. Copiers, office machines, furniture	Rental equipment firms Office supply outlets.

24.4 - REPORTING CRITICAL INVENTORY OF CACHE ITEMS

A. When fire/incident situations warrent NIFCC will begin monitoring inventory levels of the National Category I and NFES recognized Catagory II Fire Caches on a scheduled basis. A message advertising this fact and requesting the needed information will be sent to all concerned.

IT IS REQUESTED THAT THE FOLLOWING REPORTING SYSTEM BE ESTABLISHED:

THE NATIONAL CATEGORY I AND NFES RECOGNIZED CATEGORY II CACHE MANAGERS ARE REQUIRED TO REPORT CURRENT INVENTORY LEVELS ON ALL CRITICAL (AS DESCRIBED BY GSA), OTHER ITEMS CACHE MANAGERS IDENTIFY AS CRITICAL (DUE TO HISTORIC USAGE), AND ITEMS IDENTIFIED BY NIFCC TO THEIR GEOGRAPHICAL COORDINATION CENTER IN THE IDENTIFIED TIME FRAMES: (MISSOULA, JEFFCO, SILVER CITY, MARANA, ONTARIO, REDDING, REDOMND, FAIRBANKS, AND BOISE - BOISE REPORTS DIRECTLY TO NIFCC).

THE GEOGRAPHICAL AREA COORDINATION CENTER WILL PROVIDE THE LISTING OF CRITICAL AND CACHE MANAGER CRITICAL ITEMS TO NIFCC BY CLOSE OF BUSINESS EACH WEDNESDAY. NIFCC WILL COMPILE THE INFORMATION, IDENTIFYING ANY ADDITIONAL REPORTING REQUIREMENT, AND DISTRIBUTE BACK TO THE CACHE MANAGERS THROUGH THEIR GEOGRAPHIC AREA COORDINATION CENTER BY NOON THURSDAYS, REQUESTING ADDITIONAL INVENTORY LEVELS AS NECESSARY. THE CACHES WILL PROVIDE THIS ADDITIONAL INFORMATION TO NIFCC THROUCH THEIR GEOGRAPHICAL COORDINATION CENTER BY CLOSE OF BUSINESS THURSDAYS. NIFCC WILL COMPILE

ALL INVENTORIES AND REPORT CURRENT STOCKING LEVELS OF ALL IDENTIFIED ITEMS THROUGH THE ESTABLISHED COORDINATION CHANNELS ON FRIDAY MORNING. THE NFES REPRESENTATIVE AT BIFC WILL DETERMINE IF NATIONAL INVENTORY LEVELS ON ANY ITEMS ARE IN CRITICAL SUPPLY, AND IF SO THEY WILL BE REPORTED ON THE DAILY MORNING MANAGEMENT REPORT ALONG WITH ALL OTHER RESOURCES IN SHORT SUPPLY.

IN PLANNING LEVEL FOUR NIFCC WILL PROVIDE EACH COORDINATOR WITH A LISTING OF ADDITIONAL CACHE ITEMS (AS IDENTIFIED BY NIFCC OR THE CACHE MANAGERS) TO BE ADDED TO THE CRITICAL ITEMS INVENTORY REPORT BY NOON EACH DAY. RESPONSE TO THIS REPORT WILL BE DUE AT NIFCC BY 1800 EACH DAY. THE NFES REPRESENTATIVE AT BIFC WILL DETERMINE IF NATIONAL INVENTORY LEVELS ON ANY ITEMS ARE AT CRITICAL AVAILABILITY LEVELS AND RECOMMEND THE APPROPRIATE COURSE OF ACTION.

METHOD OF REPORTING WILL BE THE PRESCRIBED FORMAT VIA DATA GENERAL ELECTRONIC MAIL (ADDRESS DISP:W02A) OR TELEFAX MACHINE (TELEPHONE NUMBER FTS 554-2663/COMMERCIAL 208-389-2663).

FORMAT WILL BE IN DATA TABLES WITH A LISTING OF QUANTITY ON HAND BY UNIT DESCRIPTION AND NFES CATALOG NUMBER. NIFCC WILL PROVIDE ALL UNITS WITH A BLANK DATA TABLE ELECTRONICALLY OR VIA TELEFAX (SEE ATTACHMENT 2).

THE LOGISTICS COORDINATOR AT NIFCC WILL INFORM THE NFES REPRESENTATIVE AT BIFC OF THE INVENTORY LEVELS OF THE REPORTING CACHES. THE NFES REPRESENTATIVE WILL DETERMINE THE RESUPPLY METHOD FOR THE CACHES WITH INPUT FROM THE BIFC MAC GROUP AS NECESSARY. THE RESUPPLY OPTIONS INCLUDE MOVEMENT FROM OTHER CACHES (THROUGH ESTABLISHED ORDERING CHANNELS), ORDER FROM GSA/OTHER SOURCES OR DELAY RESTOCKING UNTIL THE NORMAL CACHE REDISTRIBUTION PROGRAM IN MID WINTER COORDINATED BY THE CACHE MANAGERS.

UNTIL THIS SYSTEM IS FULLY OPERATIONAL CACHE MANAGERS ARE DISCOURAGED FROM PLACING LARGE RESTOCK ORDERS DIRECTLY TO GSA, AS SEVERAL CACHES ARE OVERSTOCKED ON MANY ITEMS AND ARE REQUIRED TO RENT ADDITIONAL SPACE.

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

SECTION 25 - AIRCRAFT PROCEDURES

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25.1 - ADMINISTRATIVE FLIGHTS

A. Administrative flight requests, except for commercial airline reservations, should be made with the unit dispatcher or the Southwest Interagency Coordination Center. Individual requests the dispatcher or other aircraft scheduling personnel to set up a flight. Information needed includes the date(s) flight is desired; time flight should be planned to arrive or depart from a certain airport; passenger(s) to be dropped or picked up at each stop; each passenger's weight; baggage weight(s); home unit; and the management code each passengers portion of flight costs shall be charged to.

1. When requested, an estimated flight cost, that includes aircraft costs, standby costs, pilot overtime and overnight costs can be provided, either by the Forest Service pilot or aircraft company providing the service.

2. A flight schedule shall be made up, conforming to the times requested as nearly as possible. When times requested cannot be met, disparitys will be discussed with the chief-of-party. (When planning flights in light aircraft with intermediate stops, 15 to 20 minutes ground time for off-loading and loading passengers is required; stops involving refueling, plan on 45 minutes ground time.)

3. The aircraft "N" number and name of pilot, the departure airport and the time to be at the departure point will be confirmed with the ordering unit or chief-of-party whenever possible.

a. Passengers are required to be at the departure point at least 15 minutes prior to the scheduled departure time. The aircraft should be at the initial departure point 20 minutes prior to the scheduled departure time.

B. Responsibilities of chief-of-party. A chief-of-party shall be designated on each administrative flight. After the flight is scheduled, he must approve additional passengers or freight added to the flight. Other chief-of-party responsibilities include:

1. While most persons are familiar with the baggage problems, (both weight and size of baggage is critical with small aircraft) the chief-of-party must remind the other passengers of this problem.

2. Ensure both the pilot and aircraft are properly carded for Forest Service use. **Ask to see the Aircraft Data Card, Form 5700-4 or 5700-21, and pilot's card, Form 5700-20. (See also section 25.3)** Pilot is required to carry his card; aircraft card must be in the aircraft.

3. **If company says they must substitute another aircraft or pilot, prior to going ahead with the flight find out if there is a difference in price, and if so, how much? Confirm the aircraft/pilot substituted are properly carded. Notify the duty dispatcher there has been a substitution and give dispatcher the change in rates.**

4. Ensure that all passengers are aboard or debarked at each stop. Advise the local unit dispatcher or the Coordination Center if passengers have been added or did not show up for the flight.

5. Within the Southwest Area, notify the nearest Agency Dispatcher or the Coordination Center when delay exceed 30 minutes or of unscheduled landings. Check in with receiving unit on overnight stops, notify of hotel and telephone number where passengers can be reached.

6. Outside of the Southwest Area, notify NIFCC of delays or unscheduled landings. Check in with NIFCC (208-389-2657) on each overnight stop; notify the coordinator of motel and telephone number where he can be reached.

C. Ordering Aircraft for Administrative Flights

1. Dispatchers and air service personnel must keep in mind that passengers carrying luggage will rapidly overgross or fill an aircraft. Aircraft may need to be ordered with a seating capacity of one or, dependent on amount and weight of baggage and passengers, two extra passenger seats over the number of passengers to be carried. This should allow a safety factor for weight as well as provide adequate space for gear.

2. When economically justified and available, Forest Service aircraft shall be utilized for administrative flights. If the aircraft is diverted to a fire or other incident mission, passengers may be left at an intermediate stop. Arrangements will be made to complete the administrative flight with a charter aircraft or other mode of transportation.

3. If Forest Service aircraft are not available, dispatcher will order a charter or BPA twin engine aircraft. For short flights, the dispatcher may suggest using a single engine aircraft. Only with unit or all passengers approval should a single engine aircraft be utilized. **When ordering charter or BPA aircraft request the company providing the service confirm the "N" number of the aircraft and pilot's name so the information may be documented on the flight schedule**. Night and flights in instrument (IFR) conditions in single engine aircraft are not authorized.

4. Units unable to meet aircraft needs for an administrative flight through local resources (their own BPA aircraft) may order aircraft from other zones or place a request with the Southwest Area Coordination Center.

D. Southwest Area Daily Scheduled Flight Information. When a flight is scheduled, it should be entered into the Scheduled Flight file maintained and distributed by the Coordination Center. List seat availability when available. This file is be updated daily and sent, via DG, to all zone/forest dispatch offices (FNET) and RO staff units.

25.2 - FLIGHT FOLLOWING

A. Flight following shall be accomplished either through the Federal Aviation Agency, through the dispatch agency, or a combination of both. The flight following system consists of four steps.

1. Administrative Flights:

a. Step 1 - Filing a flight plan.

(1) Flight plans will be filed with a Forest Service dispatcher with whom the flight will be opened or with the FAA Flight Service Station (FSS) by the pilot or company representative. If FAA is used, the remarks section will contain the telephone number of the Southwest Interagency Coordination Center. To aid in flight following, flights making enroute stops to a final destination must file a seperate flight plan to each stop when utilizing FAA flight following. This will aid in locating the aircraft if it fails to arrive at an airport as scheduled in the flight schedule.

b. Step 2 - Opening of Flight Plan.

(1) When filing with FAA, pilot notifies FSS or ARTCC.

(2) For Forest Service flight following, the pilot will open the flight plan by telephone not more then 30 minutes prior to the flight or, after becoming airborne, by radio with the appropriate dispatcher and request flight following. Forest Service pilots at the Regional Office shall also enter weight and balance information and sign the flight schedule prior to departure.

(a) The Forest Service dispatcher with whom the flight plan is opened (opening dispatcher) must acknowledge the flight following request and confirm location of the unit that will handle the flight plan closing (closing dispatcher).

(b) The opening dispatcher will confirm departure time, passenger manifest, and ETA and pass to the closing dispatcher.

(c) If Forest Service dispatchers cannot commit to the entire flight, pilot must file an FAA flight plan.

c. Step 3 - Enroute check-ins.

(1) Check-ins are at the discretion of pilot for both FAA and Forest Service controlled flights except when requested by the Forest Service dispatcher to cover special circumstances.

d. Step 4 - Closing the flight plan.

(1) FAA - pilot notifies FSS or ARTCC that flight is complete or flight following is no longer required.

(2) Forest Service - pilot must close out the flight plan with the closing dispatcher no later than 30 minutes after the estimated time of arrival given.

2. Tactical Flights:

a. Step 1 - Filing a flight plan.

(1) Flight plan may be originated by the pilot or dispatcher, as in the case of fire suppression flights.

(2) FAA flight following is not normally practical and requires special coordination between the pilot, dispatchers, and FSS or ARTCC.

b. Step 2 - Opening of flight plan.

(1) FAA - Administrative flight following procedures may be followed if FAA flight following is used for positioning the aircraft for the tactical mission or returning to base after the tactical mission is complete. (See definitions below)

(2) Forest Service - Use the same procedures as for administrative flights except that procedures may be abbreviated when the same dispatcher is responsible for both opening and closing the flight plan.

c. Step 3 - Enroute check-ins.

(1) Pilot shall make a position report at least every 30 minutes. More frequent check-ins may be required to meet agency policy.

d. Step 4 - Closing the flight plan

(1) FAA - Pilot notifies FSS (tactical flight would rarely be made in IFR conditions) that flight is complete or flight following is no longer required.

(2) Forest Service - pilot will notify the closing dispatcher to close out the flight plan not later than 30 minutes after the estimated time of arrival previously given.

3. Overdue and Missing Aircraft

a. An aircraft becomes "overdue" when pilot has failed to make a specified check in or has not closed out his flight plan at 30 minutes past the ETA given for destination.

b. An aircraft becomes "missing" when the estimated fuel expiration time has been reached.

4. Overdue Aircraft Procedures

a. At 30 minutes past the filed ETA or 30 minutes past expected check-in time (for tactical flights, at check-in time) the dispatcher responsible for flight following will confer with originating, intermediate, and/or destination dispatchers or other agency persons involved to determine if aircraft can be contacted by radio or located by other means.

b. After 15 minutes effort (45 minutes past ETA or check-in) dispatchers involved will confer with local FAA Flight Service Station to determine if aircraft has landed at local airport along route of flight. Contact aircraft owner to determine if pilot has contacted them.

c. At one hour past ETA or check-in notify Supervisor and the Southwest Area Coordinator of overdue and actions taken. Efforts to continue under supervisors direction. The Coordinator shall notify the Regional Aviation Officer to initiate search and rescue operations. Refer to Section 25.10.

5. Procedural compliance.

a. Any flight not closed within 30 minutes of arrival time with the closing Forest Service dispatcher requires filing of an Incident Report (form FS 5700-14) by the dispatcher or the pilot.

6. Forest Service pilots flying missions for other agencies shall adhere to that agency's flight following procedures. If the procedures do not meet the requirements for Forest Service flights, Forest Service or FAA flight following will be used concurrently.

B. Definitions:

1. Flight following: A system for tracking aircraft on Forest Service missions that will cause appropriate follow-up actions to be taken when an aircraft on an administrative flight is overdue at a checkpoint or destination by more than 30 minutes. Tactical flights may be required to check in every 10 or 15 minutes depending on forest policy. Aircraft on tactical flights are overdue when check-in does not occur when required.

2. Tactical flights: Missions that accomplish a specific objective other than routine airport to airport transportation. Examples: Leadplane, Air Attack, Air Tankers, back country helicopter, FPM survey. A tactical mission may begin or end as an administrative flight.

3. Administrative flights: All other flights, other then logistical, usually from airport to airport transport, but may be the start or ending of a tactical flight.

4. Logistical flight: Movement of Aircraft, Crews, Overhead, Equipment, etc. to or from a specific incident or incidents. Flight following is normally done by both FAA and Agency/NIFCC, particularly when interregional flight is occuring.

5. Flight plan: The schedule for an aviation event. It will contain the items required on the FAA flight plan form.

C. Dispatcher / Air Service Manager Notes

1. Using estimated departure times for light aircraft causes a lot of unnecessary dispatch followup. We need to be sure to get actual time of departures (ATD's) on all light aircraft. We should not relay any estimated time of departures (ETD), except as needed for planning purposes.

2. Remind charter aircraft pilots to:

a. File "FAA" flight plans for each "flight leg" involving intermediate stops.

b. Call the Boise Interagency Fire Center collect at (208) 389-2660 on any "unscheduled" stops after the aircraft is outside of Arizona or New Mexico.

c. If there is an unscheduled stop within the Southwest Area have the pilots call SWCC at (505) 842-3473.

3. Doing the above, should greatly reduce the frustrations and time spend checking on overdue aircraft.

25.3 - OAS CARDED AIRCRAFT

A. OAS-47 Card. This card is issued when OAS receives a request by mail. The OAS-47 card is send out without physical inspection of the aircraft.

1. For transport of personnel, Forest Service dispatchers should not order aircraft that has only the OAS-47 card. Aircraft that have only the OAS-47 card may be used for hauling of cargo only.

2. Forest Service employees may ride in aircraft on point-to-point flights that only have been issued an OAS-47 card when the aircraft has been ordered by an Interior agency.

B. Forest Service units may order and use aircraft approved by the OAS for specific missions without reinspection if they have one of the following OAS cards.

1. Form OAS-36A, Aircraft Data Card (Fixed-Wing).

2. Form OAS-36B, Aircraft Data Card (Helicopter).

3. Form OAS-36C, Aircraft Data Card (Airtanker).

25.4 - PROCEDURES FOR TRANSPORT/CHARTER AIRCRAFT

1. NIFCC will place a resource order for crews to an Area Coordination Center. The Coordination Center will provide NIFCC a mobilization time in hours (including assembly) to the nearest jetport. Example: six crews into Phoenix in 8 hours. NIFCC will then solicit bids and timeframes from charter companies, **basing the departure time from mobilization airport on the mobilization timeframe. After procuring an aircraft that can best meet the time frames/costs,** NIFCC will pass to the Coordination Center a firm ETA of the aircraft. It is imperative that the sending unit provide accurate mobilization times to ensure meeting the estimated departure time from mobilizing jetports.

An Area Coordination Center may pass the order to its sending units to alert them of the mobilization, however, it may be decided not to transport crews to the jetport until the aircraft has been procured and a firm ETA passed to the Area Coordination Center. This procedure will eliminate staging crews for prolonged periods and also enable NIFCC to change mobilization points based on aircraft availability.

Chainsaws will be allowed on charter flights provided all gas and oil is emptied from the saws and from fuel carrying containers and both the fuel tanks and the containers are purged with an inert gas, such as "Purge". (commercial trade name).

Fusees may be transported in aircraft when in their designated boxes and so marked. Fusees shall NOT be carried in backpacks when crew is transported by air.

During demobilization, this process would be reversed. Crews would be released based on travel time from an incident to the nearest jetport. NIFCC will then procure transport from charter companies based on the same criteria as used in mobilization, and relay a firm ETA to the demobilizing area. Crews will commence travel to the demobilizing jetport so as to arrive in time to meet the estimated time of departure given.

2. Area Coordination Centers will provide NIFCC a list of desired jetports for mobilization and demobilization.

3. NIFCC will negotiate with the receiving Area Coordination Center when there is a significant time frame-versus-cost savings in the mobilization of crews in large transport aircraft.

4. As commercial resources for large transport aircraft are exhausted, NIFCC will alert the sending area Coordination Center when military transport will be used. Firm ETA's of crews will be passed, a departure time will be fixed and mobilization will actually commence. NIFCC will then task the military using these time frames.

25.5 - HELICOPTERS

A. ICS Helicopter Types.

Type 1 helicopters have 16 or more passenger seats.
Type 2 helicopters have 10 to 15 passenger seats.
Type 3 helicopters have 5 to 9 passenger seats.
Type 4 helicopters have 4 or less passenger seats.

B. Checklist for dispatching helicopter.

1. Helicopter call sign and "N" number.
2. Make and model of aircraft.
3. Pilot's name, names of passengers flying with the helicopter.
4. Helitack foremans name + total number of crew persons.
5. Service truck, ATD and ETA.
6. Helitack truck,ATD and ETA.
7. (Document route of travel, if needed).

C. Off-Unit assignments.

1. The foreman and crew on-duty for initial attack response at time of order will be dispatched with the helicopter. Specialized equipment, e.g., long line, sphere dispenser, etc. will be sent. The helitorch must be specifically requested by the ordering unit in order for the helitorch module to be sent.

2. When ordering a helicopter provide fuel and support vehicle directions to incident base camp.

a. On dispatches off-unit the service truck may require a relief driver to go with the vehicle. This may be accomplished by the company hiring a relief driver or a Forest Service employee may be dispatched with the truck. Written permission must be procured from the company for a Forest Service employee to ride in the service truck and to assist in the driving. The company shall ensure the Forest Service driver is covered by the helicopter company's insurance.

D. Interagency Dispatch of Helicopters. Helicopters on fire missions outside the Southwest Area must file an FAA flight plan and will also be given flight following by NIFCC. Pilots must call NIFCC collect (208-389-2660) at each enroute stop to close out the previous leg of the flight and file the next leg. Service truck and helitack truck drivers shall be instructed to "check in" with their home unit or with BIFC at specified intervals in the event of change in destination or the order is cancelled.

E. Helicopter Rappelling. (See also Section 23.8) There will be four rappelling crews in the Southwest Area, located on the Cibola, Coronado (2), and Gila National Forests. Rapelling is currently limited to fire management operations or rappel training/proficiency and is limited to use of the Bell 206L3 for Forest Service units. The rappel crew must have approved and inspected equipment, currently proficient rappellers, and all appropriate log books up-to-date before rappel operations begin.

1. Rapelling crews may work on other Forest/agency lands. On units that normally do not have rappelling operations, agency line officer approval is required for rappelling operations.

2. If rappel operations are not specified by the ordering unit on the initial order and rappel operations become necessary, agency line officer approval must be obtained before rappelling operations begin.

F. Helicopter Numbering Assignments. The national standard for helicopter numbering includes a regional designation to lessen the confusion of identical numbers when ships are used interregionally. The helicopters assigned unit number will be used for identification and radio.call at all times.

1. When a contract helicopter goes from the home unit to another unit, it will retain the home unit's call number. In the Southwest Area the assigned helicopter number will be preceded by the number "3" for all helicopters. For example, "Helicopter 306" will be the radio call sign for a Gila NF helicopter, "Helicopter 361" a BLM Arizona ship.

2. When an additional ship is assigned to a unit, it will be assigned the next unassigned number to be used for that unit. The Southwest Area numbering assignments are found in Chapter 80.32.

G. Call When Needed Helicopters (See National Mobilization Guide, Section 25.9 and Section 28, Southwest Area Mobilization Guide.

1. Type 3 and 4 (Light) helicopters may be ordered by the Zones or SWCC from within or near the Southwest Area. A list of known CWN Type 3/4 helicopters is available from SWCC. Type 3 helicopters must be staffed by a minimum of a Module Leader and 2 crew members.

2. There are two categories of Type 2 (Medium) helicopters.

a. Limited: no passenger carrying, lift only, seats removed.

b. Standard: passenger hauling, etc.

(1) Type 2 helicopters require a Module Leader and at least 3 crewpersons.

3. Type 1 helicopters are all in the limited category. No passengers may be transported.

a. For Type 1 helicopters, only a Helicopter Manager is required.

b. All Type 2 Helicopter Managers are qualified to manage Type 1 helicopters.

All medium (Type 2) and heavy (Type 1) CWN helicopters must be ordered through SWCC to NIFCC.

The assigned helicopter module (crew) should be joined with the helicopter at a common point to check communications, confirm operation procedures, etc. before porceeding to the incident.

Caution must be used when ordering transport category helicopters (205, 212, S55T). These helicopters have landing and take-off limitations that are lower than density altitudes encountered on many fires in the Southwest Area.

4. When selecting which **helicopter** is to be used **factors** to be considered are:

a. **Type Helicopter** - If the ordering unit states a preference, note the preference and why it is needed.

b. Time Frame - The **helicopter** which will meet the stated time frame on the order.

c. Cost - The least expensive **helicopter** to do the job.

5. Available CWN helicopters are found in the "Air Tanker, Helicopter, and Large Transport Information" booklet. This guide shows hourly cost, minimum daily guarantee and home bases. Minimum daily payment for these helicopters is the greater of either the daily standby or flight hours flown.

H. Military (Type 3 and Type 4) Helicopters.

1. Use of military helicopters must be approved by the Regional Forester.

2. The use of military helicopters will be approved upon request with the following sideboards:

a. Both the aircraft and the pilots would be inspected prior to use and carded by Forest Service qualified inspectors. The pilots must meet the same experience requirements as contract pilots. The Southwest Area Helicopter Safety Team shall be present during the early stages of use.

b. The aircraft must have 720 channel VHF capability and must be maintained and current under the military maintenance program. A qualified helitack crew shall be assigned to each helicopter to handle all Forest Service required administrative procedures such as manifesting, load calculations, communications, etc.

I. Certification Requirements for Crew Personnel. Forest Service require each module be approved annually by RAO or Helitack Specialist and documented on "blue card" and in letter to home unit. OAS requires annual refreshers for Interior certified personnel but do not require "blue card" documentation.

1. These requirements apply to helitorch, sphere dispenser, and helirappel operations.

2. An annual refresher session is standard for each module and meets this requirement for certification of personnel.

25.6 - AIR TANKERS

A. ICS Air Tanker Types

Type 1 air tankers carry 2000 gallons or more.
Type 2 air tankers carry from 1000 gallons to 1999 gallons.
Type 3 air tankers carry from 800 to 999 gallons.
Type 4 air tankers carry less then 800 gallons.

B. Checklist for Dispatching Air Tankers.

1. Aircraft call-sign and FAA "N" number.
2. Pilot/co-pilot name.
3. Mandatory day(s) off.
4. Amount of retardant on board. Specify if full load, partial or empty.

C. Controlling Air Tanker Use.

1. **Unit dispatchers will place orders for air tankers with their Zone Dispatcher. The Zone Dispatcher may dispatch air tankers based at airports under their control. All requests for air tankers outside the zone where the incident is located will be placed through the Southwest Area Coordination Center.**

2. Air tankers should be dispatched to arrive over the incident not earlier than 30 minutes after official sunrise and not later than 30 minutes before official sunset. These times are known as the "start-up" and "cut-off" times. Air tankers may be dispatched to arrive over a fire as early as official sunrise and as late as official sunset, provided a lead plane or air attack is over the fire and has determined that visibility and other safety factors in the target area are adequate for dropping.

3. When there are two or more air tankers at a designated base, the home-based air tanker will get the first dispatch each day. Each dispatch thereafter (that day) will be in rotation with the visiting tanker. If there are two home based tankers, rotate the dispatches. If there are several visiting tankers, rotate the dispatches in the order in which they arrived at the air tanker base.

4. During periods of sustained or multiple fire activities, each forest utilizing air tankers shall take necessary measures to

control air tanker pilot time. This is necessary to insure that flight limitation violations do not occur and that adequate time (2 hours) is retained for selected air tanker response to new fires. Forests will notify the Southwest Area Coordinator as air tanker(s) reach the 2 hour limitation.

5. When aircraft and/or flight crews become unavailable for any reason the Southwest Area Coordinator shall be notified immediately. Notify the Southwest Area Coordinator when the aircraft returns to service.

D. Interregional Dispatch of Air Tankers.

1. Except for interregional agreements as outlined in Chapter 40.2, all resource orders from other Areas for air tankers will be through BIFC, through the Coordination Center, to the unit. Resource orders originating in the Southwest Area for additional air tankers from out-of-region sources shall be placed with the Coordination Center.

2. All requests for air tankers will include the information required in blocks 6, 7 and 11 of the Resource Order Form. Be sure the request to send the aircraft loaded or empty is included in the order.

a. Internal Forest Service policy prohibits dispatching air tankers with retardant if the ferry time to the destination is in excess of 2 hours flight time unless the ordering unit specifies the air tanker is to be "loaded. This policy was established to minimize additional fuel stops or longer ferry times creating additional costs and the unavailability of the crew at destination. It also precludes dumping a load of retardant when encountering severe enroute weather conditions or if mechanical failure should occur.

3. Aircraft on fire missions going outside of the Southwest Area will file a flight plan with FAA and will also be given flight following by BIFC. Pilots MUST call BIFC collect (208-389-2660) at each enroute stop, close out that leg of the flight and file the next leg, along with an estimated time of arrival.

E. Using the B-26 Air Tanker on Forest Service Fires

1. The B-26 air tanker based at Whiteriver, AZ may NOT be ordered "loaded" from that base. The aircraft must proceed to an authorized Forest Service air tanker base and be loaded there before dropping on a fire.

2. A review of the B-26 performance data was completed, using the criteria as listed in the Region 3 Air Tanker Base Guide. The following guidelines should be use for the B-26 air tanker at these Forest Service Air Tanker Bases:

a. Alamagordo -- 800 gal. maximum retardant load.

b. Albuquerque -- 1000 gal. maximum retardant load.

c. Coolidge -- Not authorized.

d. Ft. Huachuca -- 1000 gal. maximum retardant load.

e. Grand Canyon -- 1000 gal. maximum retardant load.

f. Prescott -- 800 gal. maximum retardant load.

g. Silver City -- Not authorized.

h. Winslow -- 800 gal. maximum retardant load.

F. Use of MAFFS/Military Aerial Firefighting Systems.

1. Modular Airborne Firefighting Systems (MAFFS) will be ordered and used only after all commercial air tankers are committed to fires. The Regional Forester will ascertain that all commercial air tankers are assigned to fires or pledged to an initial attack need before placing a specific request for a MAFFS mission to NIFCC.

2. When ordering MAFFS units, 24 hours lead time is requested by the Air Force. However, in some cases, they can better this time. (See 26.8 for MAFFS order format).

4. A liaison officer shall be assigned and shall be present at the designated operating base a minimum of 8 hours before the MAFFS aircraft are scheduled to arrive. The liaison officer shall ascertain the following equipment is readily available before the first aircraft arrives.

a. One PT300 Motorola "Air Net" packset for each aircraft.
b. Forklift, minimum 6000 pound capacity.
c. Battery charger, 28 volt, aircraft.
d. Jet fuel, JP-4 or Jet A.

5. MAFFS units will be released from the fires before commercial air tankers and will not continue to make slurry drops if those air tankers have been shut down. MAFFS units will not be held on standby without prior permission from NIFCC. When release is contemplated, NIFCC shall be informed for determination of possible redeployment to other fires.

G. Air tanker and tanker base information can be found in the "Air Tanker, Helicopter, and Large Transport Information" booklet issued by BIFC Air Services Contracting and updated annually.

25.7 - LEAD PLANES

A. Controlling Lead Plane Use.

1. Unit dispatchers will place orders for lead planes with their Zone Dispatcher. The Zone Dispatcher may dispatch lead planes based at airports under their control. All requests for lead planes outside the zone where the incident is located will be placed through the Southwest Area Coordination Center.

B. Albuquerque Lead Plane. The following procedures shall apply when a lead plane is on standby at the Albuquerque International Airport:

1. When on duty, the Forest Service lead plane and pilot will stand by at Cutter Flying Service or the air tanker base.

2. Normal standby hours will be from 0930-1800 with a 30 minute lunch.

3. The Cibola Forest Dispatcher will order out the lead plane.

4. The Air Service Manager will give dispatch information to the lead plane pilot.

5. The lead plane pilot will keep the Air Service Manager informed on where he can be contacted.

6. At close of business each day the lead plane pilot on duty will notify the Air Service Manager of pilot time and aircraft cost for each flight for that day. He will also notify the Air Service Manager of the aircraft and pilot information for the following day.

25.8 - TRANSMITTING AIRCRAFT COSTS WITHIN THE SOUTHWEST AREA

A. Forests and agencies involved in the shared use of aircraft must transmit information to each other for the completion of flight invoices and fire costs.

B. It is the responsibility of the air service managers/dispatcher to transmit the following information between using and paying agencies or organizations.

1. Flight date, name and number of the fire(s).
2. Type aircraft and call sign of each aircraft.
3. Flight time(s) and costs associated with each aircraft.

4. Retardant amount dropped and retardant cost for each airacraft.

5. Miscellaneous costs (Service truck mileage, RON charges, etc.)

6. Grand total cost.

25.9 - APPROVED AIRPORTS AND AIRPORT USE RESTRICTIONS

A. Airports listed in the Pilots Guide to Southwestern Airports may be used for Forest Service missions without prior approval.

B. The Forest Fire Management Officer should request inspection and inclusion in the directory any airport he beleaves will be needed. This should be done before fire season by notifying the Regional Air Officer. Airports not included in the Guide must have approval from the Regional Air Officer before use. Any flight restrictions listed in the Guide should be closely adhered to.

C. Whiteriver Airport. Only those air tankers approved in the Region 3 Air Tanker Base Guide may be flown from the Whiteriver Airport. At times downloading may be necessary to remain within the 80 percent or accelerate/stop requirements as spelled out in the Guide. Air tanker operations shall be stopped when a tailwind component of 5 knots or greater or a crosswind component of 10 knots or more exists on Runway 19; or unsafe conditions are reported by any of the tanker pilots.

D. San Carlos Airport. No Forest Service contract air tankers are permitted to operate out of San Carlos Airport. Other agency air tankers, when flying on Forest Service fires, will not operate from San Carlos Airport.

E. Clearance for White Sands Missle Range Restricted Area. When an aircraft on an emergency incident mission could save time by crossing the White Sands Missile Range, pilots should contact either the Lincoln or Gila National Forest dispatcher and request they contact Holloman Mission Control for permission for the aircraft to cross the restricted area. After permission is granted, the pilot will be notified to contact Mission Control on either VHF 126.95 or UHF 294.6 or 295.2. Phone number of Holloman Mission Control is (505) 479-5072.

25.10 - AVIATION ACCIDENTS AND INCIDENTS (See also FSM 5721.)

A. Rapidly providing all units with accident or incident information may prevent similar problems from occuring. Forest units will immediately complete the Aircraft Accident Initial Report (form FS 5700-14) and transmit on the DG to ALLDISPATCH. Each Forest unit will relay the information by radio to all helitack and air tanker bases on the unit. The Coordination Center will forward the report to the Region 3 Aviation Safety Officer and, depending on the nature of the report, may forward it to NIFCC.

B. The Southwest Area Coordinator will immediately notify the Regional Air Officer and/or the Regional Aviation Safety Officer of any aircraft accident or incident with serious potential.

C. In event of an aircraft accident or incident with serious potential, the Regional Air Officer or Regional Aviation Safety Officer shall contact the Washington Office person as shown in Chapter 90, Accident Investigation and reporting procedures.

	Office Phone	Home Phone	Pager
Bob Martin National Aviation Safety Off.	703-235-3300		202-837-8573
Fred Fuchs Assistant Director, Aviation	703-235-3398	703-689-3726	202-837-8572
L. A. Amicarella Director, Fire and Aviation Management	202-235-8034	703-323-6826	
Allen J. West Deputy Chief, S&PF	202-447-6657	703-644-1963	

1. Pagers are activated by use of a touch-tone style telephone. After "dialing" the pager area code and number, the caller will hear three short beeps. This is your signal to immediately "dial" in the area code and telephone number you wish the Aviation and Fire Management Staff to call. After dialing the number, dial the pound symbol (#) in order to transmit your message. If no call is received within 15 minutes, repeat the process or move to the next telephone number.

D. Examples of incidents include those that air tanker base managers, lookouts or other ground personnel may see or be involved in such as aircraft running over hoses, injesting items from off the ramp, low passes at lookout towers, near-misses of obstacles or other aircraft on the ground, violation of pilot duty limitations, etc.

Other examples the pilot must report include precautionary or emergency landings, engine malfunction resulting in an emergency landing or inflight shutdown, loss or partial failure of a system or component essential to safe flight, bird strikes, smoke in cockpit or fire in flight, jettisoning or loss of cargo, sling loads, retardants, or other chemicals, near-misses of obstacles or other aircraft during flight or on the ground, etc.

E. Forest Service personnel shall not ride in or declare "in service" any aircraft involved in an accident until the aircraft is declared airworthy by a certified A and P mechanic and approval has been received from the Regional Air Officer or one of his authorized designees.

25.11 - ESTABLISHING A TEMPORARY FLIGHT RESTRICTION AREA (See Section 26.9 for ordering format)

A. When sustained air operations are anticipated over a specific incident a temporary flight restriction shall be requested by the unit dispatcher. This request shall be called to the Zone Dispatch Office who will place it with the Coordination Center. The Coordination Center will place the temporary flight restriction request with the appropriate FAA Air Route Traffic Control Center (ARTCC). The Center will ensure a NOTAM (Notice To Airmen) is issued. When the NOTAM goes into effect, the ARTCC Facility Duty Officer will notify the SWCC of the NOTAM number. The unit requesting the restriction will be notified of the NOTAM number.

1. Dispatchers should keep in mind that it takes from 30 minutes to 2 hours (or longer) for this NOTAM to be broadcast and disseminated throughout the aviation system.

B. Violations of airspace restrictions should be reported to an FAA facility as rapidly as possible. If reported immediately by an aircraft, the FAA can locate the offending aircraft on radar and may track it to destination and have pilot "met" on landing. Information given to FAA during that shift, the "strips" can be pulled and it will be easier to find the aircraft. After 15 days, records are purged and finding an offending aircraft is impossible. Information required by FAA includes:

1. Time of violation.
2. Location.
3. Type aircraft involved.
4. "N" number, any identifying markings.
5. Color(s).
6. Altitude.
7. Direction of flight/actions.

When an aircraft is reported, notify the Coordination Center and follow with a letter or form FS 5700-14.

C. The dispatcher shall ensure the airspace restriction is cancelled as soon as it is no longer required. This is done by cancellation of the request with the Coordination Center.

D. Keep in mind that the FAA does not manage nor can they request closure of an airport. The Airport Manager is the only person who can close the airport. If the incident is located close to an airport and it is felt the departure/arrival pattern might interfere with air operations, the agency can contact the Airport Manager and discuss the problem/potential hazard with him. The airport manager may arrange departure/arrival patterns to eliminate the hazard. The agency may request closure of the airport but actual closure is at the discression of the airport manager. If closure is requested but the Airport Manager will not comply, inform him of your intention to notify FSDO (Flight Standards District Office) and notify SWCC of the problem. SWCC will, in turn, notify the Regional Air Officer and/or Regional Aviation Safety Officer.

25.12 - PROCEDURES FOR NEWS MEDIA AIRCRAFT ENTRY INTO AN INCIDENT AREA

A. The following procedure will be followed in allowing news media aircraft into restricted airspace over an incident.

1. **Call the Dispatcher on whose unit the wildfire is located and request permission to cover the fire. Tell the dispatcher the time requested to fly over the incident; call sign, color, type aircraft, and VHF radio capability (360 or 720 channel; and the objective of the mission (movies, stills, insta-cam, etc).**

2. **The dispatcher will contact Air Attack Group Supervisor, Lead Plane Pilot, or Incident Base to get a time, radio frequency, and point of contact in the incident area.**

3. **Instructions will be given** to send media aircraft to a specified location, identifiable on a section chart, outside the restricted airspace, until radio contact on an assigned VHF radio frequency can be established.

4. The Dispatcher will also tell media aircraft that this is not a clearance into the restricted airspace and to remain clear of the restricted airspace until clearance into the area is given by the Air Attack Group Supervisor or lead plane pilot.

5. **The news media pilot will file a flight plan with the FAA, including the information required by FAR 91, paragraph (e).**

6. The news media aircraft will arrive at the designated area and make contact on the designated frequency. After contact is made, the Leadplane Pilot or Air Attack will try to position the news media aircraft at a location and altitude to safely provide the best film footage. If landing at the Incident Base Camp is requested, the Leadplane or Air Attack pilot will coordinate and provide the Helibase frequency and contact.

7. Inform the news media pilot that if no contact is make, assume that permission is not granted to enter the Temporary Restricted Area.

8. Strict adherence to all direction and the maintenance of uninterrupted two-way communications is required for all concerned. If two-way radio communications are lost for any reason while in the Temporary Flight Restriction, land at a suitable spot out of the path of the fire or depart from the area.

25.13 - LIGHT AIRCRAFT AND PILOT INSPECTIONS

A. Regional aviation personnel will conduct inspections of rental agreement light fixed-wing aircraft and pilots. When arrangements are finalized, Forest Air Officers will notify the Regional Office of aircraft to be inspected. Forest Air Officer must remind operator of the need to have their pilots and aircraft ready on the scheduled dates. No reinspections can be made at government expense.

B. Forest Air Officers should be circumspect in requesting inspection of only those aircraft needed to meet forest needs and in advising operators that only those aircraft specifically requested will be inspected. Forests are requested to furnish those operators with current Forms FS 5700-21 (Aircraft Data and Approval Record) and R3 5700-2 (Application for Pilot Approval) advising the operator that one copy, with all operator supplied data for each aircraft/pilot, should be presented to the inspectors at the time of inspection. Forests should have a Contracting Officer and/or the Forest Air Officer present at the inspection.

C. Forest Service inspectors will send a completed copy of the FS forms 5700-21 and R3 5700-2 to the forest as soon as possible after the inspection and upon approval will issue FS 5700-4's and FS 5700-3's to aircraft and pilots respectively. Forests are hereby reminded that form R3 5700-2 requires secure storage under the Privacy Act.

25.14 - TEMPORARY AIRPORT CONTROL TOWER OPERATIONS (See National Mobilization Guide, Section 25.6.)

A. When it is decided that temporary airport control tower operations are desirable due to an excessive amount of air traffic at a non-FAA tower controlled airport, the requests should be made through the Coordination Center for FAA assistance. Due to the limited number of portable control towers and FAA personnel, the FAA would like as much lead time as possible.

1. FAA contact phone numbers

    a. New Mexico ATC Southwest Region FTS 734-5540.

    b. Arizona ATC Pacific Region FTS 984-1365.

B. Agencies and offices not having local agreements should contact NIFCC to obtain this service. Lead time of eight hours is desirable; however, this may be reduced in extreme emergencies. Requests for FAA emergency tower assistance should specify the following:

1. Approach control problems.
2. Ground takeoff control problems.
3. Takeoff problems
4. Where it is needed.
5. Approximate duration of use.

25.15 - MILITARY LOW-LEVEL TRAINING ROUTES--(MTR's)

A. The Region, Washington Office, and the military have agreed on procedures concerning military low-level training routes and Forest Service air operations. Forest Air Officers shall:

1. Obtain and scan the MTR route structure for any conflict between MTR's and established heliports or air tanker bases. Inform the Regional Air Officer so these conflicts may be resolved.

2. Establish liaison (phone or letter) with all military bases in charge of MTR's and/or military operating areas (MOA's) over the Forests. Obtain and provide key phone numbers and personnel names to aid in timely communications.

(a) The Regional Office will also be contacting all military bases with Region 3 MTR responsibility and will promulgate a complete mailing list by seperate correspondence.

3. Ensure that dispatch offices, air tanker bases, heliports, and aviation project managers are provided with a posted copy of the Region 3 MTR structure. The Sectional Charts have MTRs depicted in gray and should be utilized. It is also recommended that forest boundaries and local hazards be added to these charts for the pilots and other users.

4. Ensure that Forest Dispatchers immediately notify the cognizant military scheluling agency of known Forest Service aviation activities and Temporary Flight Restriction requests conflicting with MTR's and MOA's to augment the FAA NOTAM system.

B. List of military commands and current routes are found in the DMAAC AP/IB. Address letters to the Commanding Officer of military organizations.

best copy available

MTR ROUTES OVER FORESTS IN THE SOUTHWEST AREA

FOREST	MTR #	SCHEDULING ACTIVITY
Apache-Sitgreaves	IR 112	C
	IR 274	D
	IR 276	F
	IR 320	F
	IR 176	M
Cibola	SR 210	N
	SR 211	N
	VR 176	M
	VR 1233	B
	IR 112	C
Carson	IR 126	F
	IR 109	C
	IR 111	C
	SR 212	N
	VR 1174	I
	VR 1574	I
Coconino	IR 112	C
	VR 283	H
	VR 225	H
Coronado	VR 259	B
	VR 260	B
	VR 263	O
	VR 1207	B
	VR 1208	B
	VR 1209	B
	VR 1233	B
Gila	VR 176	M
	VR 263	O
	VR 1233	B
	SR 210	N
	SR 211	N
Kaibab	IR 400	K
	VR 225	H
	VR 283	H
Lincoln	IR 133	E
	IR 116	L
	IR 115	L
	IR 102	L
	IR 141	L
	IR 134	E
	VR 100	C
	VR 125	C
Prescott	VR 283	H
	VR 225	H
	VR 242	A
	VR 1219	A
	VR 1200	A
	VR 245	A
	IR 250	G
	IR 254	G
	IR 272	D
Santa Fe	IR 109	C
	SR 212	N
	IR 111	C
Tonto	VR 225	H
	VR 283	H
	VR 245	A
	VR 244	A
	VR 246	J
	VR 239	A
	IR 272	D
	IR 273	D
	IR 274	D

MILITARY SCHEDULING ACTIVITIES

A. Command Post VR239
405 TTW/DOC (Tactical Training Wing)* VR244
Luke AFB, Az. 85309-5000 VR245
1. (602) 856-7653 VR246
2. (602) 856-5855 Airspace Management (Mr. Jim Hicks, Maj. Duncan)
3. (602) 856-6022 Command Post

B. 602 TAIRCW/DOC (Tactical Air Control Wing) VR259 VR260
Davis-Monthan AFB, Az. 85707 VR267 VR268
1. (602) 750-3123 Command Post VR269 VR1207
VR1233

C. 27 TFW/DOTU (Tactical Fighter Wing) IR109 IR111
Cannon AFB, N.M. 88103-5129 IR112 VR100
1. (505) 784-2811 Aviation Safety VR125
2. (505) 784-2253 Command Post
3. (505) 784-2877 Airspace Management

D. 97 FTS/DOOS (Fighter Training Squadron) IR272 IR273
Williams AFB, Az. 85240-5446 IR274
1. (602) 988-6858 Airspace Coordination, Capt. Bill Glore T-37 OPS
Capt. Mike Gee T-38 OPS
1LT Carrier Ass't. OPS
2. (602) 988-5325 Supervisor of Flying
3. (602) 988-6811 Williams AFB Command Post

E. 49 TFW (Tactical Fighter Wing) IR133
Holloman AFB, N.M. 88330
1. (505) 479-3713 Scheduling
2. (505) 479-7575/7024 Command Post

F. HQ SAC/DONA (Headquarters Strategic Air Command) IR126 IR266
Offutt AFB, Neb. 68113-5000 IR276 IR320
1. (FTS) 866-2334 Command Post
2. (402) 294-2334 Command Post
3. Autovon 271-2810 SAC Duty Office
4. (FTS) 866-2810 SAC Duty Office
5. (402) 294-2810 SAC Duty Office

G. COMFITAEWWINGPAC (Commander, Fighter-Airborne Early Warning Wing Pacific)
NAS Miramar IR250 IR254
San Diego, Ca. 92145
1. (619) 537-1636 Scheduling Office
2. (619) 537-1657 Duty Office

H. 474 TFW/DO (Tactical Fighter Wing) VR283
Nellis AFB, Nev. 89191-5000
1. (702) 652-1859 Command Post
2. (702) 652-4574 Operations

I. OC-ALC/2871 TESTS (Test Squadron) VR1174
VR1574
Tinker AFB, OK. 73145
1. (405) 736-7719/3607 Operations

J. C.O. MAG 13 VR1268
3rd MAW FMFPAC
MCAS Yuma, Az. 85369
1. Autovon 951-1214 Command Post (weekdays)
2. Autovon 951-2124 Command Post (after working hours)

K. 323 FTW/DOOS IR400
Mather AFB, Ca. 95655-5000
1. (916) 364-2065/2064 Wing Scheduler

L. Commander AFFTC (Air Force Freq. Test Ctr) IR102 IR115
Edwards AFB, Ca. 93523 IR116
1. (805) 277-4110 Scheduling Mr. Dick Croy
2. (805) 277-2446 Airspace Management Mr. Walt Benge

OR 4201 TESTS/DO
Barksdale AFB, La. 71110
1. Autovon 781-2154

M. 150 TFG/DO (Tactical Fighter Group)(ANG) VR176 VR1107
Kirtland AFB, N.M. 87185
1. (505) 844-9746 LCOL. Bill White

N. 1550 CCTW/DOO (Command Control Tactical Wing) SR210 SR211
Kirtland AFB, N.M. 87117-5004 SR212
1. (505) 844-2961 Command Post

O. 162 TFG/DO (Tactical Fighter Group)(ANG) VR263
P.O. Box 11037
Tucson, Az. 85734-1037
1. (602) 573-4109/2371/2109

* Words, i.e. TACTICAL FIGHTER GROUP, in parentehses need/should not be used in your addresses. They are explanations of the letters in the address for your information.

SUNRISE AND SUNSET AT ALBUQUERQUE, NM.

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MOUNTAIN STANDARD TIME

MAR.		APR.		MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
RISE AM	SET PM	RISE AM	SET PM	RISE AM	SET PM	RISE AM	SET PM	RISE AM	SET PM	RISE AM	SET PM	RISE AM	SET PM	RISE AM	SET PM	RISE AM	SET PM	RISE AM	SET PM
635	559	551	626	513	651	450	714	452	724	512	709	536	632	559	549	626	509	655	451
633	600	550	627	512	651	450	715	452	724	513	708	537	631	600	547	627	508	656	451
632	601	548	627	511	652	449	716	453	724	514	707	538	629	601	546	628	507	657	451
631	602	547	628	510	653	449	716	453	724	514	706	538	628	601	544	629	507	658	451
629	603	546	629	509	654	449	717	454	723	515	705	539	626	602	543	630	506	659	451
628	604	544	630	508	655	449	717	454	723	516	704	540	625	603	541	631	505	700	451
627	605	543	631	507	656	448	718	455	723	517	703	541	623	604	540	632	504	700	451
625	606	542	632	506	656	448	718	456	723	518	702	541	622	605	539	633	503	701	451
624	607	540	632	505	657	448	719	456	723	518	701	542	621	605	537	634	502	702	451
623	607	539	633	504	658	448	719	457	722	519	700	543	619	606	536	635	501	703	451
621	608	537	634	503	659	448	720	457	722	520	659	544	618	607	535	636	501	704	451
620	609	536	635	502	700	448	720	458	722	521	657	544	616	608	533	637	500	704	452
618	610	535	636	501	700	448	721	459	721	521	656	545	615	609	532	638	459	705	452
617	611	533	636	500	701	448	721	459	721	522	655	546	613	610	531	639	458	706	452
616	612	532	637	500	702	448	721	500	720	523	654	547	612	611	529	640	458	706	452
614	613	531	638	459	703	448	722	500	720	524	653	547	610	611	528	641	457	707	453
613	613	529	639	458	704	448	722	501	719	525	652	548	609	612	527	642	456	708	453
611	614	528	640	457	704	448	722	502	719	525	650	549	607	613	625	643	456	708	454
610	615	527	641	457	705	448	723	502	718	526	649	550	606	614	524	644	455	709	454
608	616	526	641	456	706	449	723	503	718	527	648	550	605	615	523	645	455	710	454
607	617	524	642	455	707	449	723	504	717	528	647	551	603	616	522	646	454	710	455
606	618	523	643	455	708	449	723	505	716	528	645	552	602	617	520	647	454	711	455
604	618	522	644	454	708	449	724	505	716	529	644	553	600	618	519	648	453	711	456
603	619	521	645	454	709	450	724	506	715	530	643	554	559	619	518	649	453	711	456
601	620	520	646	453	710	450	724	507	714	531	641	554	557	619	517	650	453	712	457
600	621	518	646	452	710	450	724	508	714	532	640	555	556	620	516	651	452	712	458
558	622	517	647	452	711	450	724	508	713	532	639	556	554	621	515	652	452	713	458
557	623	516	648	452	712	451	724	509	712	533	637	557	553	622	514	653	452	713	459
556	623	515	649	451	712	451	724	510	711	534	636	557	551	623	513	653	452	713	500
554	624	514	650	451	713	452	724	511	710	535	635	558	550	624	511	654	451	714	500
551	625			450	714			511	709	535	633			625	510			714	501

ANY YEAR OF THE TWENTIETH CENTURY AND WITHIN THE GEOGRAPHICAL BOUNDARY OF THE STATED PLACE THE ERROR WILL GENERALLY BE LESS THAN ONE MINUTE. ADD ONE HOUR FOR DAYLIGHT SAVING TIME IF AND WHEN IN USE.

SUNRISE AND SUNSET AT ALAMOGORDO NM.

MOUNTAIN STANDARD TIME

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MAR.		APR.		MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
632	601	552	624	517	646	457	707	459	716	517	703	538	629	558	549	622	513	648	457
631	602	551	625	516	646	456	708	500	716	518	702	539	628	559	548	622	512	649	457
630	603	550	625	515	647	456	708	500	716	519	701	540	626	559	546	623	511	650	457
629	603	548	626	514	640	456	709	500	716	519	700	540	625	600	545	624	511	651	457
627	604	547	627	513	648	456	709	501	716	520	659	541	624	601	544	625	510	652	457
626	605	546	627	512	649	456	710	501	716	521	658	542	623	601	542	626	509	652	457
625	606	545	628	511	650	455	710	502	715	521	657	542	621	602	541	627	508	653	457
624	606	543	629	511	651	455	711	502	715	522	656	543	620	603	540	628	507	654	458
622	607	542	630	510	651	455	711	503	715	523	655	543	619	603	519	629	507	655	458
621	608	541	630	509	652	455	712	503	715	524	654	544	617	604	537	629	506	655	458
620	609	540	631	508	653	455	712	504	714	524	653	545	616	605	536	630	505	656	458
619	609	538	632	507	654	455	712	505	714	525	652	545	615	606	535	631	505	657	458
617	610	537	632	507	654	455	713	505	714	526	651	546	613	606	534	632	504	658	459
616	611	536	633	506	655	455	713	506	713	526	650	547	612	607	532	633	503	658	459
615	612	535	634	505	656	455	713	506	713	527	649	547	610	608	531	634	503	659	459
613	612	533	635	504	656	455	714	507	713	528	648	548	609	609	530	635	502	700	500
612	613	512	635	504	657	455	714	507	712	528	647	549	608	609	529	636	502	700	500
611	614	531	636	503	658	455	714	508	712	529	646	549	606	610	528	637	501	701	500
609	615	530	637	502	659	456	715	509	711	530	645	550	605	611	527	638	501	701	501
608	615	529	637	502	659	456	715	509	711	530	644	551	604	612	525	639	500	702	501
607	616	528	638	501	700	456	715	510	710	531	643	551	602	612	524	639	500	702	502
605	617	526	639	501	701	456	715	511	710	532	641	552	601	613	523	640	500	703	502
604	618	525	640	500	701	456	716	511	709	532	640	552	600	614	522	641	459	703	503
603	618	524	640	500	702	457	716	512	708	533	639	553	558	615	521	642	459	703	503
602	619	523	641	459	703	457	716	513	708	534	638	554	557	616	520	643	459	704	504
600	620	522	642	459	703	457	716	513	707	534	637	554	556	617	519	644	458	705	504
559	620	521	643	458	704	458	716	514	706	535	635	555	554	617	518	645	458	705	505
558	621	520	643	458	705	458	716	515	706	536	634	556	553	618	517	646	458	705	506
556	622	519	644	458	705	458	716	515	705	536	613	556	552	619	516	647	458	706	506
555	622	518	645	457	706	459	716	516	704	537	632	557	550	620	515	647	458	706	507
554	621			457	706			517	703	538	630			621	514			706	508

ANY YEAR OF THE TWENTIETH CENTURY AND WITHIN THE GEOGRAPHICAL BOUNDARY OF THE STATED PLACE THE ERROR WILL GENERALLY BE LESS THAN ONE MINUTE. ADD ONE HOUR FOR DAYLIGHT SAVING TIME IF AND WHEN IN USE.

SUNRISE AND SUNSET AT COOLIDGE, AZ.

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MOUNTAIN STANDARD TIME

MAR.		APR.		MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
654	623	614	646	539	708	516	729	521	738	539	725	600	651	620	611	644	535	710	519
653	624	613	646	538	708	516	730	521	738	540	723	601	648	621	608	645	533	712	519
652	624	611	647	537	709	516	730	522	738	540	723	601	648	621	608	645	533	712	519
650	625	610	648	536	710	517	731	522	738	541	722	602	647	622	607	646	532	713	519
649	626	609	649	535	710	517	731	522	738	542	721	603	646	622	605	647	531	714	519
648	627	608	649	534	711	517	732	523	738	542	720	603	644	623	604	648	531	714	519
647	627	606	650	533	712	517	732	523	737	543	719	604	643	624	603	649	530	715	519
645	628	605	651	532	713	517	733	524	737	544	718	605	642	625	602	650	529	716	519
644	629	604	651	531	713	517	733	524	737	544	717	605	640	625	600	651	528	717	519
643	630	602	652	530	714	517	734	525	737	545	716	606	639	626	559	651	528	718	519
642	631	601	653	530	715	517	734	526	736	546	715	606	638	627	558	652	527	718	520
640	631	600	654	529	715	517	734	526	736	547	714	607	636	627	557	653	526	719	520
639	632	559	654	528	716	517	735	527	736	547	713	608	635	628	555	654	526	720	520
638	633	558	655	527	717	517	735	527	735	548	712	608	634	629	554	655	525	720	521
636	634	556	656	527	718	517	736	528	735	549	711	609	632	630	553	656	524	721	521
635	634	555	657	526	719	517	736	528	735	549	710	610	631	630	552	657	524	722	521
634	635	554	657	525	719	517	736	529	734	550	709	610	630	631	551	658	523	722	521
633	636	553	658	525	720	517	736	530	734	551	708	611	628	632	549	659	523	723	522
631	636	552	659	524	721	517	737	530	733	551	707	612	627	633	548	700	522	723	522
630	637	550	659	523	721	517	737	531	733	552	706	612	625	634	547	701	522	724	523
629	638	549	700	523	722	518	737	532	732	553	704	613	624	634	546	702	521	725	523
627	639	548	701	522	723	518	737	532	732	553	703	614	623	635	545	702	521	725	524
626	639	547	702	522	723	518	738	533	731	554	702	614	621	636	544	703	521	725	524
625	640	546	702	521	724	518	738	534	730	555	701	615	620	637	543	704	520	726	525
623	641	545	703	521	725	519	738	534	730	555	700	616	619	638	542	705	520	726	525
622	641	544	704	520	725	519	738	535	729	556	658	616	617	638	541	706	520	727	526
621	642	543	705	520	726	519	738	536	728	557	657	617	616	639	540	707	520	727	527
619	643	542	705	519	727	520	738	536	728	557	656	618	615	640	539	708	519	728	527
618	644	541	706	519	727	520	738	537	727	558	655	618	613	641	538	709	519	728	528
617	644	540	707	519	728	520	738	538	726	559	653	619	612	641	537	710	519	728	529
615	645			518	728			538	725	559	652			643	536			728	529

ANY YEAR OF THE TWENTIETH CENTURY AND WITHIN THE GEOGRAPHICAL BOUNDARY OF THE STATED PLACE THE ERROR WILL GENERALLY BE LESS THAN ONE MINUTE.   ADD ONE HOUR FOR DAYLIGHT SAVING TIME IF AND WHEN IN USE.

SUNRISE AND SUNSET AT GRAND CANYON,AZ.

MOUNTAIN STANDARD TIME

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MAR.		APR.		MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
659	623	615	650	536	715	513	740	515	749	536	734	600	656	623	613	651	533	720	515
658	624	614	651	535	716	513	740	516	749	536	733	601	655	624	611	652	532	721	515
656	625	612	652	534	717	513	741	516	749	537	732	602	654	625	610	653	531	722	514
655	626	611	653	533	718	512	741	517	749	538	731	602	652	626	608	654	530	723	514
654	627	610	654	532	719	512	742	517	749	539	730	603	651	627	607	655	529	724	514
652	628	608	654	531	720	512	742	518	748	540	729	604	649	627	605	656	528	725	514
651	629	607	655	530	721	512	743	518	748	540	728	605	648	628	604	657	527	726	514
650	630	605	656	529	721	512	744	519	748	541	727	605	646	629	603	658	527	726	514
648	631	604	657	528	722	512	744	519	748	542	726	606	645	630	601	659	526	727	515
647	632	603	658	527	723	511	745	520	747	543	724	607	644	631	600	700	525	728	515
645	632	601	659	526	724	511	745	521	747	544	723	608	642	632	559	701	524	729	515
644	633	600	659	526	725	511	745	521	747	544	722	609	641	633	557	702	523	730	515
643	634	559	700	525	726	511	746	522	746	545	721	609	639	633	556	703	523	730	515
641	635	557	701	524	726	511	746	523	746	546	720	610	638	634	554	704	522	731	516
640	636	556	702	523	727	511	747	523	745	547	719	611	636	635	553	705	521	732	516
638	637	555	703	522	728	511	747	524	745	548	718	612	635	636	552	706	521	732	516
637	638	553	704	522	729	511	747	525	744	548	716	612	633	637	551	707	520	733	517
636	638	552	704	521	730	512	748	525	744	549	715	613	632	638	549	708	519	734	517
634	639	551	705	520	730	512	748	526	743	550	714	614	630	639	548	709	519	734	517
633	640	549	706	519	731	512	748	527	743	551	713	615	629	640	547	710	518	735	518
631	641	548	707	519	732	512	748	527	742	552	711	615	627	640	546	711	518	735	518
630	642	547	708	518	733	512	749	528	741	552	710	616	626	641	544	712	517	736	519
628	643	546	709	518	733	513	749	529	741	553	709	617	624	642	543	713	517	736	519
627	644	544	710	517	734	513	749	530	740	554	707	618	623	643	542	714	517	737	520
625	644	543	710	516	735	513	749	530	739	555	706	619	621	644	541	715	516	737	520
624	645	542	711	516	736	513	749	531	739	555	705	619	620	645	540	716	516	737	521
623	646	541	712	515	736	514	749	532	738	556	703	620	618	646	538	717	516	738	522
621	647	540	713	515	737	514	749	533	737	557	702	621	617	647	537	718	515	738	522
620	648	539	714	514	738	515	749	533	736	558	701	622	616	648	536	719	515	738	523
618	649	537	715	514	738	515	749	534	735	559	659	623	614	649	535	719	515	739	524
617	649			514	739			535	734	559	658			650	534			739	524

ANY YEAR OF THE TWENTIETH CENTURY AND WITHIN THE GEOGRAPHICAL BOUNDARY OF THE STATED PLACE THE ERROR WILL GENERALLY BE LESS THAN ONE MINUTE. ADD ONE HOUR FOR DAYLIGHT SAVING TIME IF AND WHEN IN USE.

SUNRISE AND SUNSET AT LIBBY, ARIZONA

MOUNTAIN STANDARD TIME

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MAR.		APR.		MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
649	619	610	641	536	701	517	721	520	730	537	718	557	645	615	607	637	532	703	518
648	620	609	641	535	702	517	722	520	730	538	717	557	644	616	605	638	531	704	518
646	621	608	642	534	702	517	722	521	730	538	716	558	643	616	604	639	531	705	518
645	621	607	643	534	703	516	723	521	730	539	715	559	642	617	603	640	530	705	518
644	622	605	643	533	704	516	723	521	730	540	714	559	640	617	602	641	529	706	518
643	623	604	644	532	704	516	724	522	730	540	713	600	639	618	600	641	528	707	518
642	624	603	645	531	705	516	724	522	730	541	713	600	638	619	559	642	528	708	518
640	624	602	645	530	706	516	725	523	730	542	712	601	637	619	558	643	527	708	518
639	625	600	646	529	707	516	725	523	729	542	711	602	635	620	557	644	526	709	518
638	626	559	647	529	707	516	726	524	729	543	710	602	634	621	555	645	525	710	518
637	627	558	647	528	708	516	726	524	729	544	709	603	633	621	554	646	525	711	519
636	627	557	648	527	709	516	727	525	729	544	708	603	631	622	553	647	524	711	519
634	628	556	649	526	709	516	727	525	728	545	707	604	630	623	552	647	524	712	519
633	629	554	649	526	710	516	727	526	728	546	706	605	629	624	551	648	523	713	519
632	629	553	650	525	711	516	728	527	728	546	705	605	627	624	550	649	523	713	520
631	630	552	651	524	711	516	728	527	727	547	704	606	626	625	548	650	522	714	520
629	631	551	651	524	712	516	728	528	727	547	703	606	625	626	547	651	522	715	520
628	631	550	652	523	713	516	729	528	726	548	702	607	624	626	546	652	521	715	521
627	632	549	653	522	713	516	729	529	726	549	701	608	622	627	545	653	521	716	521
626	633	548	653	522	714	516	729	530	725	549	659	608	621	628	544	653	520	716	522
624	633	546	654	521	715	517	729	530	725	550	658	609	620	629	543	654	520	717	522
623	634	545	655	521	715	517	730	531	724	551	657	609	618	629	542	655	519	717	523
622	635	544	655	520	716	517	730	531	724	551	656	610	617	630	541	656	519	718	523
620	635	543	656	520	717	517	730	532	723	552	655	611	616	631	540	657	519	718	524
619	636	542	657	519	717	518	730	533	723	552	654	611	614	632	539	658	519	719	524
618	637	541	657	519	718	518	730	533	722	553	653	612	613	632	538	659	518	719	525
617	637	540	658	519	718	518	730	534	721	554	651	612	612	633	537	700	518	719	525
615	638	539	659	518	719	519	730	535	721	554	650	613	610	634	536	700	518	720	526
614	639	538	700	518	720	519	730	535	720	555	649	614	609	635	535	701	518	720	527
613	639	537	700	518	720	519	730	536	719	556	648	614	608	636	534	702	518	720	527
612	640			517	721			536	718	556	647			636	533			721	528

ANY YEAR OF THE TWENTIETH CENTURY AND WITHIN THE GEOGRAPHICAL BOUNDARY OF THE STATED PLACE THE ERROR WILL GENERALLY BE LESS THAN ONE MINUTE. ADD ONE HOUR FOR DAYLIGHT SAVING TIME IF AND WHEN IN USE.

SUNRISE AND SUNSET AT PRESCOTT,AZ.

MOUNTAIN STANDARD TIME

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MAR.		APR.		MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
659	626	617	651	540	714	518	737	520	746	540	732	602	656	624	614	650	536	718	519
658	626	616	651	539	715	518	738	521	746	540	731	603	655	625	613	651	535	719	519
657	627	614	652	538	716	517	738	521	746	541	730	604	654	626	611	652	534	720	519
655	628	613	653	537	717	517	739	522	746	542	729	605	652	626	610	654	533	721	519
654	629	612	654	536	717	517	739	522	746	543	728	605	651	627	609	654	532	722	519
653	630	610	654	535	718	517	740	523	746	543	727	606	649	628	607	655	532	722	519
651	631	609	655	534	719	517	740	523	746	544	726	607	648	629	606	655	531	723	519
650	631	608	656	533	720	516	741	524	745	545	725	607	647	629	605	656	630	724	519
649	632	606	657	532	721	516	741	524	745	546	724	608	645	630	603	657	529	725	519
647	633	605	658	531	721	516	742	525	745	546	723	609	644	631	602	658	529	726	519
646	634	604	658	530	722	516	742	525	745	547	722	610	642	632	601	659	528	726	519
645	635	602	659	529	723	516	743	526	744	548	721	610	641	633	559	700	527	727	520
643	636	601	700	529	724	516	743	527	744	549	720	611	640	633	558	701	526	728	520
642	636	600	701	528	724	516	744	527	743	549	719	612	638	634	557	702	526	728	520
641	637	558	701	527	725	516	744	528	743	550	718	612	637	635	555	703	525	729	520
639	638	557	702	526	726	516	744	528	743	551	716	613	635	636	554	704	525	730	521
638	639	556	703	526	727	516	745	529	742	552	715	614	634	637	553	705	524	730	521
637	640	555	704	525	727	517	745	530	742	552	714	615	632	638	552	706	523	731	522
635	640	551	705	524	728	517	745	530	741	553	713	615	631	638	550	707	523	732	522
634	641	552	705	524	729	517	745	531	740	554	712	616	630	639	549	708	522	732	522
632	642	551	706	523	730	517	746	532	740	554	711	617	628	640	548	709	522	733	523
631	643	550	707	522	730	517	746	532	739	555	709	617	627	641	547	710	522	733	523
630	644	549	708	522	731	517	746	533	739	556	708	618	625	642	546	711	521	734	524
628	644	548	709	521	732	518	746	534	738	557	707	619	624	643	545	712	521	734	525
627	645	546	709	521	733	518	746	535	737	557	705	620	623	644	544	713	520	735	525
625	646	545	710	520	733	518	746	535	737	558	704	620	621	644	542	714	520	735	526
624	647	544	711	520	734	519	746	536	736	559	703	621	620	645	541	715	520	735	526
623	647	543	712	519	735	519	746	537	735	600	702	622	618	646	540	715	520	736	527
621	648	542	713	519	735	519	746	537	734	600	700	623	617	647	539	716	519	736	528
620	649	541	713	519	736	520	746	538	733	601	659	623	615	648	538	717	519	736	528
619	650	•		518	736			539	733	602	658			649	537			736	529

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SUNRISE AND SUNSET AT SILVER CITY,NM.

MOUNTAIN STANDARD TIME

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MAR.		APR.		MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
641	610	601	632	526	654	506	715	508	724	526	711	547	638	606	558	630	522	657	507
640	611	600	633	525	655	505	716	509	724	527	710	548	636	607	556	631	521	657	507
638	611	558	634	524	655	505	716	509	724	528	709	548	635	608	555	632	520	658	506
637	612	557	635	523	656	505	717	510	724	528	708	549	634	608	554	633	520	659	506
636	613	556	635	522	657	505	717	510	724	529	707	550	632	609	552	633	519	700	506
635	614	555	636	521	658	505	718	511	724	530	707	550	631	610	551	634	518	701	507
634	614	553	637	520	658	505	718	511	724	530	706	551	630	611	550	635	517	701	507
632	615	552	637	520	659	504	719	512	723	531	705	552	628	611	549	636	516	702	507
631	616	551	638	519	700	504	719	512	723	532	704	552	627	612	547	637	516	703	507
630	617	550	639	518	700	504	720	513	723	533	703	553	626	613	546	638	515	704	507
628	617	548	639	517	701	504	720	513	723	533	702	553	624	613	545	639	514	704	507
627	618	547	640	516	702	504	721	514	722	534	701	554	623	614	544	640	514	705	507
626	619	546	641	516	703	504	721	514	722	535	700	555	622	615	542	641	513	706	508
625	620	545	642	515	703	504	721	515	722	535	659	555	620	616	541	641	512	706	508
623	620	543	642	514	704	504	722	515	721	536	658	556	619	616	540	642	512	707	508
622	621	542	643	513	705	504	.722	516	721	537	657	557	618	617	539	643	511	708	509
621	622	541	644	513	705	505	722	517	720	537	655	557	616	618	538	644	511	708	509
619	623	540	644	512	706	505	723	517	720	538	654	558	615	619	537	645	510	709	509
618	623	539	645	512	707	505	723	518	719	539	653	559	614	619	535	646	510	710	510
617	624	538	646	511	708	505	723	518	719	539	652	559	612	620	534	647	509	710	510
615	625	536	647	510	708	505	723	519	718	540	651	600	611	621	533	648	509	711	511
614	625	535	647	510	709	505	724	520	718	541	650	601	610	622	532	649	509	711	511
613	626	534	648	509	710	506	724	520	717	541	649	601	608	623	531	650	508	712	512
612	627	533	649	509	710	506	724	521	717	541	649	601	608	623	531	650	508	712	512
610	628	532	650	508	711	506	724	522	716	543	646	602	606	624	529	651	508	712	513
609	628	531	650	508	711	507	724	522	715	543	645	603	604	625	528	652	507	713	514
608	629	530	651	507	712	507	724	523	715	544	644	604	603	626	527	653	507	713	514
606	630	529	652	507	713	507	724	524	714	545	643	604	602	627	526	654	507	714	515
605	630	528	652	507	713	508	724	524	713	545	641	605	600	627	525	655	507	714	516
604	631	527	653	506	714	508	724	525	712	546	640	606	559	628	524	656	507	714	516
602	632			506	715			526	712	546	639			629	523			715	517

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SUNRISE AND SUNSET AT TUCSON, ARIZONA

MOUNTAIN STANDARD TIME

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MAR.		APR.		MAY		JUNE		JULY		AUG		SEPT		OCT		NOV		DEC	
RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
652	621	612	643	538	704	518	725	521	734	539	721	559	648	618	609	640	534	707	519
650	622	611	644	537	705	518	726	521	734	539	720	559	647	618	608	641	533	707	519
649	623	610	645	536	706	518	726	522	734	540	719	600	646	619	606	642	532	708	519
648	624	609	645	535	706	518	727	522	734	541	719	601	644	620	605	643	531	709	515
647	624	607	646	534	707	517	727	523	734	541	718	601	643	620	604	644	531	710	519
646	625	606	647	533	708	517	728	523	734	542	717	602	642	621	603	645	530	711	519
644	626	605	648	532	709	517	728	524	733	543	716	602	641	622	601	646	529	711	519
643	627	604	648	532	709	517	729	524	733	543	715	603	639	622	600	646	528	712	519
642	627	602	649	531	710	517	729	525	733	544	714	604	638	623	559	647	528	713	519
641	628	601	650	530	711	517	730	525	733	545	713	604	637	624	558	648	527	714	519
639	629	600	650	529	711	517	730	526	733	545	712	605	635	624	556	649	526	714	520
638	630	559	651	528	712	517	730	526	732	546	711	606	634	625	555	650	526	715	520
637	630	558	652	528	713	517	731	527	732	547	710	606	633	626	554	651	525	716	520
636	631	556	652	527	713	517	731	527	732	547	709	607	631	626	553	652	525	716	520
634	632	555	653	526	714	517	732	528	731	548	708	607	630	627	552	653	524	717	521
633	632	554	654	526	715	517	732	528	731	549	707	608	629	628	550	653	523	718	521
632	633	553	654	525	716	517	732	529	730	549	706	609	627	629	549	654	523	718	522
631	634	552	655	524	716	517	732	530	730	550	705	609	626	629	548	655	522	719	522
629	635	551	656	524	717	517	733	530	729	550	704	610	625	630	547	656	522	719	522
628	635	549	656	523	718	518	733	531	729	551	703	611	623	631	546	657	522	720	523
627	636	548	657	523	718	518	733	531	728	552	701	611	622	632	545	658	521	721	523
625	637	547	658	522	719	518	733	532	728	552	700	612	621	632	544	659	521	721	524
624	637	546	659	522	720	518	734	533	727	553	659	612	619	633	543	700	521	722	524
623	638	545	659	521	720	518	734	533	727	554	658	613	618	634	542	701	520	722	525
622	639	544	700	521	721	519	734	534	726	554	657	614	617	635	541	701	520	722	525
620	639	543	701	520	722	519	734	535	725	555	656	614	615	636	540	702	520	723	526
619	640	642	701	520	722	519	734	535	725	556	654	615	614	636	539	703	520	723	527
618	641	541	702	519	723	520	734	536	724	556	653	616	613	637	538	704	519	724	527
618	641	540	703	519	723	520	734	537	723	557	652	616	612	638	537	705	519	724	528
619	624	539	704	519	724	520	734	537	723	558	651	617	610	639	536	706	519	724	529
614	643			518	725			538	722	558	650			640	535			724	529

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SUNRISE AND SUNSET AT WINSLOW, ARIZONA

MOUNTAIN STANDARD TIME

NAUTICAL ALMANAC OFFICE
U.S. NAVAL OBSERVATORY
WASHINGTON, D.C. 20390

MAR.		APR.		MAY		JUNE		JULY		AUG.		SEPT		OCT		NOV		DEC	
RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
653	618	610	644	532	700	510	731	512	741	532	725	555	650	617	607	644	529	712	511
651	619	609	645	531	709	510	732	513	741	533	725	556	649	618	606	645	528	713	511
650	620	607	646	530	710	509	733	513	741	533	724	557	647	619	604	646	527	714	511
649	621	606	646	529	711	509	733	514	714	534	723	557	646	620	603	647	526	715	511
648	622	605	647	528	711	509	734	514	740	535	722	558	644	620	602	647	525	716	511
648	623	630	648	527	712	509	734	515	740	536	721	559	643	621	600	648	524	717	511
645	624	602	649	526	713	509	735	515	740	536	720	600	642	622	559	649	523	718	511
644	624	600	650	525	714	508	735	516	740	537	719	600	641	623	557	650	523	718	511
642	625	559	650	524	715	508	736	516	739	538	718	601	639	624	556	651	522	719	511
641	626	558	651	524	715	508	736	517	739	539	717	602	637	624	555	652	521	720	511
639	627	556	652	523	716	508	737	517	739	539	716	603	636	625	553	653	520	721	512
638	628	555	653	522	717	508	737	518	738	540	715	603	634	626	552	654	519	721	512
637	629	554	654	521	718	508	738	519	738	541	714	604	633	627	551	655	519	722	512
635	629	553	654	520	719	508	738	519	738	542	713	605	632	628	550	656	518	723	512
634	630	551	655	519	719	508	738	520	737	543	712	605	630	629	548	657	517	723	513
633	631	550	656	519	720	508	739	521	737	543	710	606	629	629	547	658	517	724	513
631	632	549	657	518	721	508	739	521	736	544	709	607	627	630	546	659	516	725	513
630	633	547	658	517	722	509	739	522	736	545	708	608	626	631	544	700	516	725	514
628	634	546	658	517	722	509	740	523	735	546	707	608	624	632	543	701	515	726	514
627	634	545	659	516	723	509	740	523	735	546	706	609	623	633	542	702	515	726	515
626	635	544	700	515	724	509	740	524	734	547	704	610	621	634	541	703	514	727	515
624	636	542	701	515	725	509	740	525	733	548	703	611	620	635	540	704	514	728	515
624	637	541	702	514	725	509	740	525	733	549	702	611	619	635	539	705	513	728	516
624	638	540	702	514	726	510	741	526	732	749	701	612	617	636	537	706	513	728	517
620	638	539	703	513	727	510	741	527	731	550	659	613	616	637	536	707	513	729	517
619	639	538	704	512	727	510	741	527	731	551	658	613	615	638	535	708	512	729	518
617	640	537	705	512	728	511	741	528	730	552	657	615	613	639	534	709	512	730	518
616	641	536	706	512	729	511	741	529	729	552	655	615	611	640	533	710	512	730	519
614	642	534	706	511	729	511	741	530	728	553	654	616	610	641	532	711	512	730	520
613	642	533	707	511	730	512	741	530	728	554	653	617	609	642	531	711	511	731	520
612	643			510	731			531	727	555	651			643	530			731	521

ANY YEAR OF THE TWENTIETH CENTURY AND WITHIN THE GEOGRAPHICAL BOUNDARY OF THE STATED PLACE WITH ERROR AND GENERALLY LESS THAN ONE MINUTE. ADD ONE HOUR FOR DAYLIGHT SAVING TIME IF AND WHEN IN USE.

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

SECTION 26 - DISPATCHER REPORTS, RECORDS AND FORMS

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26.2 - 500-PERSON LOGISTICAL SUPPORT LIST (R3 5100-118 26-9

26.3 - DAILY SITUATION REPORT 26-10

26.4 - INCIDENT STATUS SUMMARY (ICS 209) 26-10

26.5 - FOREST SITUATION REPORT (SPECIAL WASHINGTON OFFICE REPORT) 26-11

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26.8 - MAFFS/MILITARY AERIAL FIREFIGHTING SYSTEMS 26-14

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26.1 - RESOURCE ORDER FORM

A. The Resource Order Form shall be used for documenting mobilization and demobilization actions of all resouces.

1. Confirmation of arrival for resources traveling via commerical airlines or ground transportation is not required. When the resource departs the home unit and travel information is relayed, the receiving unit at the final destination is responsible for confirming the resource has arrived or to initiate followup action. Arrival of contract, rental agreement, and agency owned aircraft from outside the Southwest Area must be confirmed with the Coordination Center who will notify NIFCC of the arrival.

2. When passing travel itineraries, each dispatch office or coordination center will use the local time at the point resources leave from and the local time (ETA) at the destination where resources are to arrive. Zulu time will not be used on resource orders between Coordination Center and the National Interagency Fire Coordination Center.

3. Instructions for completing each applicable item in the Resource Order Form are outlined in the following pages. Note that not all of the items/blocks appear on the resource order continuation sheet.

```
 ______________________________
! RESOURCE ORDER ! INITIAL    !
!________________!DATE/TIME!
!       (a)      !   (b)      !
!________________!____________!
```

BLOCK 1: INITIAL DATE AND TIME

a. After initial attack, may be used to enter the type resource the order will be used for, i.e., Overhead, Crews, Equipment, Aircraft, or Supplies.

b. Enter the date and time the first order for that incident was initiated or received.

```
 _____________________________
!2. INCIDENT/PROJECT NAME    !
!                            !
!____________________________!
```

BLOCK 2: Enter incident or project name/project charge number.

```
 ________________________________
!3. INCIDENT/PROJECT ORDER NUMBER !
!                                 !
!_________________________________!
```

BLOCK 3. Reference number assigned by the requesting office. It should contain a two-letter state designator, three letter unit identifier and up to a 5 digit incident number. This numbering system will be used by all agencies in the Southwest Area and is described as follows:

XX-YYY-AAAAA

The XX represents the state identifier in which the responsible unit is located. The standard two letter identifiers will be used.

The YYY represents the preassigned three letter unit identifier where the last character(s) determines the responsible agency.

Character	Agency	Character	Agency
F	USFS - Forest	D	BLM - District
#	USFS - Regional Office	SO	BLM - State Office
A	BIA - Agency	P	NPS - Park
AO	BIA - Area Office	R	FWS - Refuge
S	State	FC	Fire Cache
C	County	WS	Weather Service

An incident number (AAAAA) will be assigned to complete the makeup of the Incident/Project Number. Each jurisdictional agency shall develop incident numbers that will best meet their needs. Only one number should be assigned for each incident. These numbers should start at 00001 and run sequentially on a calendar year basis. (Example: AZ-TNF-00003 = Incident is in Arizona, under the jurisdiction of the Tonto National Forest, and it is the third incident of the year.)

a. Forest Service unit identifiers.

Southwest Interagency Coordination Center	R03	Gila NF	GNF
Apache-Sitgreaves NF	ASF	Kaibab NF	KNF
Carson NF	CAF	Lincoln NF	LNF
Cibola NF	CIF	Prescott NF	PNF
Coconino NF	COF	Santa Fe NF	SNF
Coronado NF	CNF	Tonto NF	TNF
Marana Fire Cache	MFC	Silver City Fire Cache	SFC

b. Bureau of Land Management unit identifiers.

Arizona State Office	ASO	New Mexico State Office	NSO
Arizona Strip District	ASD	Albuquerque Distict	ABD
Phoenix District	PHD	Las Cruces District	LCD
Safford District	SAD	Roswell District	ROD
Yuma District	YUD		

c. Bureau of Indian Affairs unit identifiers.

Albuquerque Area Office	AAA	Phoenix Area Office	PAA
Jicarilla Agency	JIA	Colorado River Agency	CRA
Laguna Agency	LAA	Fort Apache Agency	FTA
Mescalero Agency	MEA	Fort Yuma Agency	FYA
Northern Pueblos Agency	NPA	Hopi Agency	HOA
Ramah Navajo Agency	RNA	Paiute Field Station	PIA
Southern Pueblos Agency	SPA	Papago Agency	PPA
Southern Ute Agency	SUA	Pima Agency	PMA
Ute Mountain Agency	UMA	San Carlos Agency	SCA
Zuni Agency	ZUA	Salt River Agency	SRA
		Truxton Canyon Agency	TCA
Navajo Area Office	NAA		

d. National Park Service Identifiers.

ARIZONA		NEW MEXICO	
Casa Grande Nat'l Monument	CGP	Southwest Regional Office	SWP
Chiricahua Nat'l Monument	CHP	Aztec Ruins Nat'l Monument	AZP
Coronado National Monument	COP	Bandalier National Monument	BAP
Fort Bowie Nat'l Hstruc Site	FBP	Capulin Mts. Nat'l Monument	CAP
Glen Canyon Nat'l Rec. Area	GLP	Carlsbad Caverns Nat'l Park	CCP
Grand Canyon National Park	GRP	Chaco Culture Nat'l Monument	CHP
Hohokam Pima Nat'l Monument	**HPP**	Canyon De Chelley Nat'l Mon.	CAP
Hubbell Trading Post Nat'l Historic Site	HUP	El Morro National Monument	ELP
		Fort Union National Monument	FUP
Montezuma Castle Nat'l Mon.	MCP	Gila Cliff Dwellings Nat'l Mon.	GIP
Organ Pipe Cactus Nat'l Mon.	ORP	Guadalupe Mountains National Park	GUP
Petrified Forest Nat'l Park	PFP		
Pipe Spring Nat'l Monument	PIP		
Saguaro National Monument	SAP	Pecos National Monument	PEP
Southern Arizona Group	SGP	Salinas National Monument	SLP
Sunset Crater National Mon.	SUP	White Sands National Monument	WHP
Tonto National Monument	TOP		
Tumacacori National Monument	TUP	Lake Mead Nat'l Rec. Area	LAP
Tuzigoot National Monument	TZP	Navajo National Monument	NAP
Walnut Canyon Nat'l Monument	WAP		
Wupatki National Monument	WUP	**ARKANSAS**	
		Arkansas Post Nat'l Mon.	ARP
TEXAS		**Buffalo National River**	**BUP**
Big Bend National Park	BBP	**Hot Springs National Park**	**HOP**
Big Thicket Nat'l Preserve	BTP	**Pea Ridge National Monument**	**PEP**

e. Fish and Wildlife Service

Southwest Regional Office	SWR	Imperial	IMR
Bitter Lake	BLR	Kofa	KOR
Bosque Del Apache	BDR	Las Vegas	LVR
Buenos Aires	BAR	Maxwell	MAR
Cabeza Prieta	CPR	San Andreas	SAR
Cibola	CIR	San Bernardino	SBR
Havasu	HAR	Sevilleta	SER

f. State Forestry unit identifiers.

Arizona State Forestry Office	AZS	New Mexico State Forestry Office	NMS
Phoenix District	A1S	Chama District	N1S
Flagstaff District	A2S	Cimmaron District	N2S
Tucson District	A3S	Socorro District	N3S
Prescott District	A4S	Las Vegas District	N4S
White Mountain District	A5S	Capitan District	N5S
		Bernalillo District	N6S

g. National Weather Service

Albuquerque Weather Service	AWX	Phoenix Weather Service	PWX

```
 __________________________
!4. OFFICE REFERENCE NUMBER !
!                           !
!___________________________!
```

BLOCK 4: Office reference number optional, for internal use.

```
 _____________________________________
!5. DESCRIPTIVE LOCATION/RESPONSE AREA !
!                                      !
!______________________________________!
```

BLOCK 5: This is the specific unit where the incident is located. Delivery address for equipment and supply orders and/or directions to the incident/supply cache may be entered here or in the Remarks section. May be used for a geographical location or, if using response cards, use response areas or general area.

```
!6. SEC  ! TWN ! RNG ! BASE MDM !
!        !     !     !          !
!7. MAP REFERENCE               !
!_______________________________!
```

BLOCK 6: Legal description of the incident.
BLOCK 7: Enter latitude, longitude.

```
!8. INCIDENT BASE/PHONE NUMBER !
!                              !
!______________________________!
```

BLOCK 8: All orders require a contact person and phone number. If no incident phone number is available, the administrative unit phone number may be used.

```
!9. JURISDICTION/AGENCY        !
!                              !
!______________________________!
```

BLOCK 9: Agency with primary jurisdiction, who is responsible.
(FS, BLM, BIA, NPS, FWS, MIL, AZS, NMS)

```
!10. ORDERING OFFICE           !
!                              !
!______________________________!
```

BLOCK 10: Office or location giving you the order. (Incident, forest, zone, CDF Region, ranger unit, etc.)

11. AIRCRAFT INFORMATION

CONTINUED

BEARING	DISTANCE	BASE OR OMNI	AIR CONTACT	FREQUENCY
(a)	(b)	(c)	(d)	(e)

BLOCK 11:

a. Bearing - Azimuth from VOR(s) or known location nearest the incident.
b. Distance - Straight line distance in nautical miles from VOR(s) or known location indicated.
c. Name of VOR(s) or known location used to plot bearing and distances.
d. Call sign of airborne person in charge. (Lead 3-1, Air Attack 72U, etc.)
e. Contact frequency(s) to be used.

GROUND CONTACT	FREQUENCY	RELOAD BASE	OTHER AIRCRAFT/HAZARDS
(f)	(g)	(h)	(i)

f. Name of ground contact, if any.
g. Ground frequency used by ground contact.
h. Reload base to be used.
i. Other aircraft known to be in the area and any known hazards.

12 REQUEST NUMBER	ORDERED DATE/ TIME	FROM -- TO	Q T Y	RESOURCE REQUESTED	NEEDED DATE TIME	DELIVER TO
(a)	(b)	(c)	(d)	(e)	(f)	(g)

BLOCK 12 (Left Half)

a. Request numbers must be prefaced by a letter designating the resource type ordered. Requests for each resource catagory will be numbered sequentially, beginning with "1", preceded by the resource catagory letter. Each single resource will be assigned a request number. If 10 crews are ordered, this would require 10 request numbers but a single request number will be assigned for a crew strike team. Modules, such as helicopter with crew and support vehicles or engines with crews will be listed under a single request number. One incident team will be one request number but individual overhead positions will each be given seperate request numbers. Resource catagories are identified as follows:

IA	Initial Attack	C	Crew	O	Overhead
A	Aircraft	E	Equipment	S	Supplies

b. Enter date and time of this request.

c. From whom you receive the request, and your name.

d. How many of the item are requested. All except supply items will be entered as one (1). Ensure supply items are listed with a unit of issue, (kt, ea, lg, cs, etc.)

e. Anticipate the number of lines needed to identify major resource components, i.e., a crew strike team may need 3 to 4 lines before entering the next request number. For some items it is desirable to leave extra lines between requests. When attachments such as the Temporary Flight Restriction Request, Interagency Fire Cache Order Form, Food Service Request form, etc. are used, assign one request number per form and enter "see attached" in resource requested block. Equipment or supply requests will be assigned individual request numbers and must start with the NFES number followed by the appropriate descriptions.

f. Enter the date and time resource(s) are to be at location shown in DELIVER TO block. Do not use or accept ASAP. If it appears the time frame allowed is not adequate, discuss this with the ordering/receiving office and adjust as necessary.

g. Area to which the resource is to report or be delivered to. If the order is for aircraft or will be delivered to an airport the 3-letter airport identifier may be used, otherwise enter full name of location. Equipment/supply orders, refer to Block #5 or Remarks for delivery information. These orders also require the method of delivery (via ground, charter air, mail, etc).

TO FROM	TIME	AGENCY ID	RESOURCE ASSIGNED	ETD ETA
(h)	(i)	(j)	(k)	(l)

BLOCK 12: (Right Half)

h. Enter who order is placed with and who is placing it.

i. Time order was passed. This is a critical block as office receiving order has thirty minutes to confirm if they can provide the resource requested. (If the unit given the order is unable to fill, draw an "X" in the TO/FROM column, go to Block 13 and enter information when placing the request with another unit.)

j. Enter identifier of unit/agency providing the resource. (It is wise to leave this block blank until the specific resource is confirmed.)

k. Enter confirmed resource assigned, e.g., unit, last name of unit supervisor, number of people in module, aircraft "N" number, etc. List location resource to be demobed to and location of ground transportation.

l. Enter actual time of departure and estimated time of arrival. Enter a check mark in the small box in the upper right corner of the ETD/ETA block after the information has been passed to the ordering office.

If a unit, person, crew, etc., cancels out after all the information has been passed on, form an X in the AGENCY ID column and draw a horizontal line through the resource assigned column, ETD/ETA and print "SEE REMARKS" in the release column. Note what happened in the remarks column (for tracking) and go to the next available line in Block 12 and reorder using the same request number.

RELEASED		TIME
DATE	TO	ETA
(m)	(n)	(o)

m. Enter date AND ACTUAL TIME OF DEPARTURE when resource commences travel, regardless of when information is first passed.

n. Enter demobilization point the resource is released to.

o. Enter DATE and estimated time of arrival at demobilization point. (This covers extended travel, over period of several days.) When release information is relayed to home unit a check is made in small box.

FM NATIONAL MOB GUIDE - SEC. 22. When Strike Teams (engines, crews, etc.) are split during the demobilization process, the incident/local unit is responsible for providing Strike Team's needs. The Strike Team Leader has the responsibility to work with incident/local unit to determine needs, limitations, etc. A new request number will be assigned to resources retained on the incident.

If a resource is being deverted to a new incident, use the "RELEASED" column to record this information. Example:

RELEASED		TIME
DATE	TO	ETA
8/21		
0800	ABQ *	8-22
		1300

* An asterisk may be entered and data entered in the "Remarks" portion of form.

If the resource is reassigned outside of the unit originally ordered for, use the release column to document where sent, date released, time of departure, and estimated time of arrival. Information on reassignment of resources must be relayed through normal dispatch channels to home units, giving release information and the new incident name, incident number and request number.

13.	ORDER RELAYED				
REQ. NO.	DATE	TIME	TO/FROM	ACTION TAKEN
(a)	(b)	(c)	(d)	(e)

BLOCK 13:

a. Be sure the request number from item 12 is referenced for each action that is documented.

b. Date request being relayed.

c. Time request being relayed.

d. To whom the order is being placed or received from and who you are.

e. Enter action that has taken place concerning each resource. Document notes, travel itinerary, etc. in this block.

If the unit cannot fill the order (in Block 13) cross out the request number and write out the DATE/TIME and who it was that could not fill the order. Then drop to the next available line in Block 13 and place the request with another unit.

26.2 - 500-PERSON LOGISTICAL SUPPORT LIST, (R3-FS-5100-118)

A. The forest or agency dispatcher, immediately upon requesting a Zone or Interagency Incident Management Team, should commence filling out the "pink sheet", 500-Person Initial Logistical Support Checklist.

B. Incident Commander of the team assigned will contact requesting agency's representative prior to departing to discuss the incident situation, resources committed, and the expected needs. Based on this information, an agreement shall be reached on critical forces and supplies to be ordered immediately, using the "pink sheet" as a guide.

26.3 - DAILY SITUATION REPORT

A. Units will use the Automated Interagency Situation Report. Submit the report to FNET at close of business, but not later then 2200 daily. Statistical fires that occur after submission of the report will be included in the following days report.

B. The Southwest Interagency Coordination Center will compile the unit reports and transmit it to BIFC by 1130 daily.

26.4 - INCIDENT STATUS SUMMARY (ICS 209)

A. This report shall be completed for all wildfires that burn 100 or more acres and will be sent to the Coordination Center on the DG network. The Southwest Area Coordinator or Assistant Regional Coordinator shall review and forward the Incident Status Summary to the National Interagency Fire Coordination Center, Regional Budget Officer, Regional Claims Examiner, and the Watershed and Air Management staff.

1. When suppression strategy is "CONTROL" an ICS-209 shall be submitted daily until the CONTROL strategy is attained. Block 2 shall be marked INITIAL, UPDATE, or FINAL as appropriate. If the suppression strategy is changed from CONFINE or CONTAIN to CONTROL an ICS 209 shall be submitted daily until control strategy is attained. In this circumstance, if the fire is more then 1 day old, the first ICS 209 submitted shall be marked INITIAL and UPDATE. Check appropriate box in Block 2. Complete all blocks on the form.

2. When suppression strategy is CONFINE or CONTAIN, do not submit an ICS-209 until the incident is declared "OUT". An ICS 209 marked INITIAL and FINAL in Block 2 shall then be submitted. Enter CONTAINED or CONFINED in Block 16. As a minimum, blocks 1,2,3,4,6,8, 9,10,11,12,16,27,32,33,and 34 must be completed.

3. If circumstances arise where the suppression strategy is changed from CONTROL to CONFINE or CONTAIN, the daily submission of an ICS 209 shall be suspended, with a FINAL ICS 209 submitted when the incident is declared out. CONTAINED or CONFINED shall be entered in Block 16 unless the fire is declared controlled and control date/time entered.

26.5 - FOREST SITUATION REPORT (SPECIAL WASHINGTON OFFICE REPORT)

A. Forests shall immediately report to the Southwest Area Coordinator should any of the following incidents occur.

1. Project or potentially project fire. Wildfires that exceed 100 acres in which the suppression strategy is "control".

2. Large numbers of fire starts, such as major lightning activity which results or is resulting in a large number of new fires.

3. Any fire activity or other incident which is known to be or for various reasons may be politically or socially sensitive.

4. Significant accidents, major incidents, or fatalities. Aircraft accidents, close calls to personnel, property loss such as burned vehicles or homes.

5. Major incidents such as tornados, floods, earthquakes, volcanic eruptions, etc.

6. Fire weather burning conditions. Essentially, this is already provided. All that is needed here is an update if factors have changed or if something major is occurring such as "getting pounded with lightning now."

7. Analysis of the current situation and a prognosis of future concerns. Provide a short summary of concerns for the next burning period (high winds, heavy lightning, etc.).

26.6 - PASSENGER AND CARGO MANIFEST

ORDERING UNIT (25)	PROJECT OR FIRE NAME (25)	CREW NAME (25)
NAME OF CARRIER (25)	MODE OF TRANSPORTATION & ID (16)	PILOT OR DRIVER (20)

REPORT TO: OFFICE (20)	NAME (20)	IF DELAYED CONTACT: TELEPHONE #(i.e.208 334-9407)

DEPARTURE:		INTERMEDIATE STOPS:			DESTINATION:	
PLACE(3)	ETD(11) 1/	ETA(11) 1/	PLACE(3)	ETD(11)1/	ETA(11) 1/	PLACE(3)

PASSENGER AND/OR CARGO NAME (20) CHIEF OF PARTY (1ST LINE	PAX WT (3)	CARGO WT (2)	ORDER # (12)	REQUEST # (5) OR MGMT CODE(6)	2/ DEMOB PT(3)	2/ DEMOB PT(3)	HOME (4)
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20.							
21.							
22.							
23.							
24.							
25.							
26.							
27.							
28.							
TOTALS							

REMARKS:

1/ ETD/ETA CONSISTS OF MMDDHHMMTIME_ZONE (I.E., 05040645MST)

2/ 1ST DEMOB PT IS NEAREST JETPORT; 2ND DEMOB PT IS CLOSEST AIRPORT.

Numbers in parentheses represent maximum number of characters for that block.

26.7 - FOOD SERVICE REQUEST. The following form shall be filled out completely, attached to the resource order form, and all data relayed to the Coordination Center when requesting catering services.

Date________________
Resource Order No.________________
Request No.________________

I. NUMBER OF MEALS

1. Meal Date and Time

Date ____________ Time of First Meal ________________

2. Number of Meals Ordered for First Three Meals.

1st meal -_____ ___Breakfast___Sack Lunch___Buffet Lunch___Dinner
Est. # Meals

2nd meal -_____ ___Breakfast___Sack Lunch___Buffet Lunch___Dinner
Est. # Meals

3rd meal -_____ ___Breakfast___Sack Lunch___Buffet Lunch___Dinner
Est. # Meals

II. LOCATION

1. Report to: Facilities Unit Leader________________________
at____
____

2. Estimated arrival time (to be made by Contractor):__________

III. SUPPORT TO MOBILE FOOD SERVICE UNIT

1. Food Unit Leader (COR)____________________________
2. Nearest Potable Water____________________________
3. Kitchen help ordered (Yes/No) __________ Number _________
4. Ordered Refrigerated Storage Unit/Gv'nt Storage (Yes/No)_____
5. Gray Water Pumper Ordered? (Yes/No) ____________________
6. Extra Potable Water Truck Ordered (Yes/No)________________
7. Department of Health Notified (Yes/No)___________________

IV. ESTIMATES OF DURATION/TOTAL NEED (best estimate--not an order)

A. Anticipated duration of incident_______________________
B. Number of personnel at peak of incident __________________
C. Spike camps (Yes/No) ____ No.______ No. of meals__________

V. FOR FURTHER INFORMATION

Contact: ____________________ Telephone __________________
Remarks: ____
____

26.8 - MAFFS/MILITARY AERIAL FIREFIGHTING SYSTEMS (See also 25.7)

A. Modular Airborne Firefighting Systems (MAFFS) units will be ordered and used only after all commercial air tankers are committed to fires. Twenty-four hour lead time is requested by Air Force; however, in some cases they can better this time. Resource orders will be placed through dispatching channels to BIFC.

B. MAFFS Order Format

1. Fire Name ______________________
2. Resource Order Number ______________________
3. Ordered by ______________________
4. Situation ______________________
5. Fire Location: Latitude __________ Longitude __________
6. Number of Systems Required ______________________
7. Location of Retardant Base to be Used ______________________
8. FS MAFFS Liaison Officer Requested ____(name)____
9. FS MAFFS Liaison Officer (T) Requested ____(name)____
10. Estimated Duration of Missions ______________________
11. Air Tanker Resources Committed to Fire(s) ______________________
12. Radio Frequency(ies) to be Used ______________________

26.9 - TEMPORARY FLIGHT RESTRICTION REQUEST (Reference Section 25.11)

A. Where there is significant aviation support activity over a disaster area, such as a forest fire, earthquake, or flood, a temporary flight restriction will be requested from the Federal Aviation Administration (FAA) through the Southwest Area Coordinator using the Temporary Flight Restriction Request form.

B. When the need for the temporary flight restriction no longer exists, the Coordination Center shall be notified immediately. They will terminate the restriction with the FAA Air Route Traffic Control Center.

TEMPORARY FLIGHT RESTRICTIONS REQUEST

INCIDENT NAME____________________ LEGAL DISCRIPTION:T______ R______ Sec______

INITIATED: DATE:________ TIME:________ TO/FROM:____________

Call the ARTCC in whose jurisdiction the incident is located.
ABQ ARTCC 9-823-0500 (Speed Dial 591).
LAX ARTCC 8-968-8203 DEN ARTCC 8-303-651-4248

Give the person who answers the following information - "THIS IS THE U.S. FOREST SERVICE REQUESTING A TEMPORARY FLIGHT RESTRICTION. Read question number and answer to all items. Get answer to item 10, request callback with NOTAM number.

---

1. Name and organization of person requesting Temporary Flight Restriction:
(Name) WITH THE U.S. FOREST SERVICE

2. Brief description of the incident: **WILDLAND FIRE (or other incident)**

3. Estimated duration of flight restrictions: **IMMEDIATELY / UNTIL CANCELLED**

4. Name of agency conducting relief activity and telephone contact.
U.S. FOREST SERVICE - 505 842-3473

5. Description of area to be NOTAMed (VOR Bearing and Distance, Lat./Long.
VOR NAME: BEARING: DISTANCE: KT LAT: LONG
5 NAUTICAL MILE RADIUS -- 2,000 FOOT AGL (above ground level)

6. Description of material or activiity posing a hazard to persons and property in the area: **FIGHTING A WILDLAND FIRE**

7. Description of hazard that would be magnified, spread, or compounded by low flying aircraft or rotor wash: **FIGHTING A WILDLAND FIRE**

8. Nature of airborne relief, proposed aircraft operation and location of relief aircraft bases: **AIRTANKERS FLYING FROM (Base) HELICOPTERS/LIGHT AIRCRAFT WORKING IN VICINITY OF AND OVER THE FIRE**

9. Contact point or radio frequency for handling media requests to operate at altitudes used by relief aircraft: **CALL 842-3473 FOR CLEARENCE PROCEDURES**

10. Designated coordination facility (FSS nearest the incident):______________
NOTAM NUMBER (Request ARTCC contact notify us of this. We then know the NOTAM is in effect. If not received in one hour, call back and request it.)

REQUEST RELAYED TO ARTCC--DATE:________ TIME:________ TO/FROM:____________

NOTAM NUMBER RECEIVED-________ DATE:________ TIME:________ TO/FROM:____________

REQUEST TO CANCEL RESTRICTION: DATE:________ TIME:________ TO/FROM:____________

REQUEST TO CANCEL RESTRICTION RELAYED TO ARTCC (SAME UNIT REQUEST WAS GIVEN TO)

DATE:________ TIME:________ TO/FROM:________________________

26.10 - INFRARED AIRCRAFT SCANNER ORDER

A. Initial request for IR systems will be submitted to BIFC Aircraft Dispatcher through the Coordination Center and will include the following information. Fill out form as completely as possible and attach to the resource order form.

1. DATE AND TIME OF ORDER____________________

2. INCIDENT NAME____________________ORDER NUMBER____________

3. ORDERING UNIT____________________TELEPHONE #__________

4. LOCAL DISPATCH____________________TELEPHONE #__________

5. REGIONAL IR COORDINATOR______________TELEPHONE #__________

6. INFRARED FIELD SPECIALIST______________TELEPHONE #__________

7. INTERPRETER ORDERED: YES___ NO___

8. IR INTERPRETER____________________TELEPHONE #__________

9. INCIDENT LOCATION FROM TWO VOR's: ____________________
(Magnetic heading and Nautical Miles)
____

10 LATITUDE____________________ LONGITUDE____________________

11. ELEVATION______________ APROX. SIZE______________
(Acres)

12. WEATHER OVER INCIDENT ____________________

13. DELIVERY POINT____________________ TIME__________

14. WEATHER THERE______________ ALT. DELIVERY POINT__________

15. RADIO FREQUENCY(IES) LOCAL ADMINISTRATIVE UNIT______________mHz
AIR ATTACK GROUP SUPERVISOR______________mHz
INCIDENT COMMAND POST______________mHz

16. REMARKS____________________
____
____

INFORMATION NEEDED FOR EACH BLOCK OF A DETECTION MISSION.

Corner	Latitude	Longitude
NE		
SE		
SW		
NW		

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

SECTION 27 - WEATHER

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27.1 - NATIONAL FIRE DANGER RATING SYSTEM

A. All National Forests in Region 3 will use the National Fire Danger Rating **AFFIRMS** System for computing fire weather.

B. Refer to the Arizona and New Mexico Fire Weather Operating Plans for specific procedures.

27.2 - RED FLAG WARNINGS AND WATCHES (See FSM 5115)

A. A "Red Flag" event occurs when critical weather conditions develop which could lead to unusally severe fire weather. This could be strong winds (exceeding 25 mph) in combination with severe fire weather conditions such as very low humidities or dry lightning storms. Identification of red flag events are primarily the responsibility of the Weather Service Forecast Offices.

1. Red Flag Warning. A Red Flag Warning is used to warn of an impending or on-going red flag event. A Red Flag Warning will be issued immediately when red flag conditions are occurring or when there is a high degree of probability that red flag conditions will occur within the next 24 hours.

a. When a warning is issued, the phrase RED FLAG WARNING will be the headline of the routine forecast or a short forecast or warning. The warning should be continued on subsequent forecasts until no longer valid.

2. A Red Flag Watch is used to alert the possible development of a red flag event in the near future. A Red Flag Watch is issued when the fire weather forecaster is reasonably confident that a red flag event may occur within the next 72 hours. The Red Flag Watch will be headlined in a routine forecast or possibly issued as a special forecast, and will remain in effect until the red flag event is upgraded to a Red Flag Warning or conditions fail to develop.

B. The fire weather forecaster will terminate either the Red Flag Watch or Warning when conditions subside.

C. Each Forest Supervisor is responsible for implementing a red flag alert based on actual local winds, burning conditions, other associated risks, hazards and fuel loading in combination with the Red Flag Warning or Watch issued by the weather service.

27.3 - SPOT FORECASTS

A. Spot forecasts for wildfires, prescribed burns, search and rescue, etc. are available upon request at any time. Consultation service is available for planning projects in which weather might be a factor.

27.4 - VENTILATION VALUES

A. The National Weather Service Offices in Albuquerque and Phoenix will furnish ventilation values for guidance in smoke dispersal on prescribed burns during the late summer and fall of the year.

B. To help understand values, we have included below the definitions of terms and limiting values.

1. Mixing height or mixing depth - The height to which relatively vigorous mixing occurs - units in feet above the surface.

a. The mixing height, above ground level, will be given for Albuquerque and Tucson airports. Thus if your elevation is significantly different, you may wish to adjust this reading by subtracting the difference of your elevation and the appropriate airport elevation, from the mixing height to get the value for your location.

2. **Transport windspeed - A measure of the average rate of the horizontal transport of air within the mixing layer - with the units in knots, i.e., 1 knot time 1.15 = MPH.**

a. A direction of the transport wind will also be given. When conditions approach the critical values--the direction will likely be light and variable. Thus in these instances it may be best to consider the normal drainage winds.

3. Ventilation - The product of the mixing height and the transport wind speeds. It is a measure of the volume rate of horizontal transport of air within the mixing layer per unit distance normal to the winds--units in "knot" feet.

4. Critical values - Ventilation values less than or equal to 38280 **knot-feet** and transport winds 7 knots or less. If these conditions prevail, dispersion of any pollutants released into the atmosphere will be severely limited.

5. Temperature Inversion - temperature increasing with height, typically develops overnight and persists into the forenoon. This thermal condition inhibits vertical mixing of air particles. As ground temperatures rise during the day this inversion will usually dissappear and vertical mixing will take place. The early morning mixing height and ventilation computations assume the only changes taking place in the vertical temperature and wind profile through the day will be those resulting from a normal daytime rise in temperature.

27.5 - SIGNIFICANT WEATHER EVENTS

A. The National Weather Service has requested the Forest Service to provide them with reports of significant weather events. The following is a guideline of significant weather events **that would be of value to the forecaster**.

1. Snow accumulation of 2 inches or more and additional calls for each 2-inch increase.

2. Total snow depth following a winter-like storm.

3. Snow, fog, rain, wind or other natural phenomena which may cause roads to become impassable.

4. Water running bankful or greater in streams.

5. Tornado touching the ground.

6. Freezing rain accreting to surfaces.

7. Hail half-inch or greater in diameter.

B. Relay information to the following telephone numbers.

NWS - Albuquerque	NWS - Phoenix
FTS - 474-2170	Commercial and FTS - 261-3596
Commercial - 766-3581	Commercial and FTS - 261-3599
Commercial - 842-0557	Commercial and FTS - 261-4000

27.6 - EXPLANATION OF ZONE TREND FORECAST

A. Zone trends forecast of specific parameters needed to compute tomorrow's fire danger ratings. Trend values in fire weather zones are 24 hour changes from observation today to the forecast valid time tomorrow. Decreasing or lowering trends are preceded by a "-". No change is indicated by "0". When an "M" is premissible, and used in the ZONE command, it will be treated as a zero trend.

FOREMAT AND EXAMPLE OF ZONE TREND FORECAST

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ZONE	340	3	13	4	-3	5	-2	0	1	M	M	M	M	3	1	-2

1. ZONE tells AFFIRMS that forecast data follows.
2. 3 digit zone number
3. Region number (enter "3")
4. Valid time of zone trend forecast (13 if MST or MDT)
5. State of weather forecast. This represents the prevailing weather expected during the 24 hour period from OBS time today until OBS time tormorrow.

   0 - Clear
   1 - Scattered clouds, 1/10 to 5/10 cloud cover
   2 - Broken clouds, 6/10 to 9/10 cloud cover
   3 - Overcast, more than 9/10 cloud cover
   4 - Fog
   5 - Drizzle (State of weather codes 5, 6, or 7)
   6 - Rain (causes all indicies to set to zero;)
   7 - Snow or Sleet (therefore, avoid using when possible)
   8 - Showers
   9 - Thunderstorms

6. Dry bulb temperature trend.*
7. Dew point temperature trend.*
8. Wind speed trend in MPH for the 20-foot-above-obstruction anemometer.*

   * Forecast is aimed at early afternoon temperatures for "tomorrow" in degrees change from that reported "today". Lowering temperatures prefixed by "-", no change by "0".

9. Precipitation duration in hours of precipitation from 1300 MST today till 0500 MST the following day.

10. Precipitation duration in hours of precipitation from 0500 MST until 1300 MST the following day

11. Max temperature trend (M will be entered).

12. Min temperature trend (M will be entered).

13. Max RX trend (M will be entered).

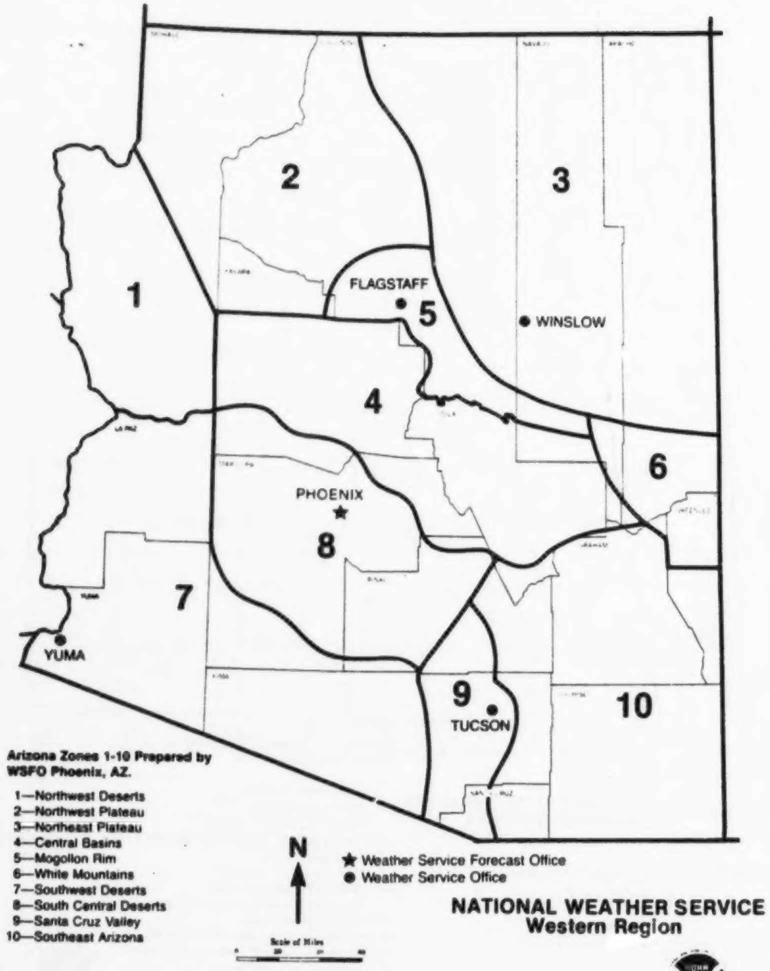
14. Min RH trend (M will be entered).

15. Lightning Activity Category. (Code 1-6) from 1300 MST today until midnight.

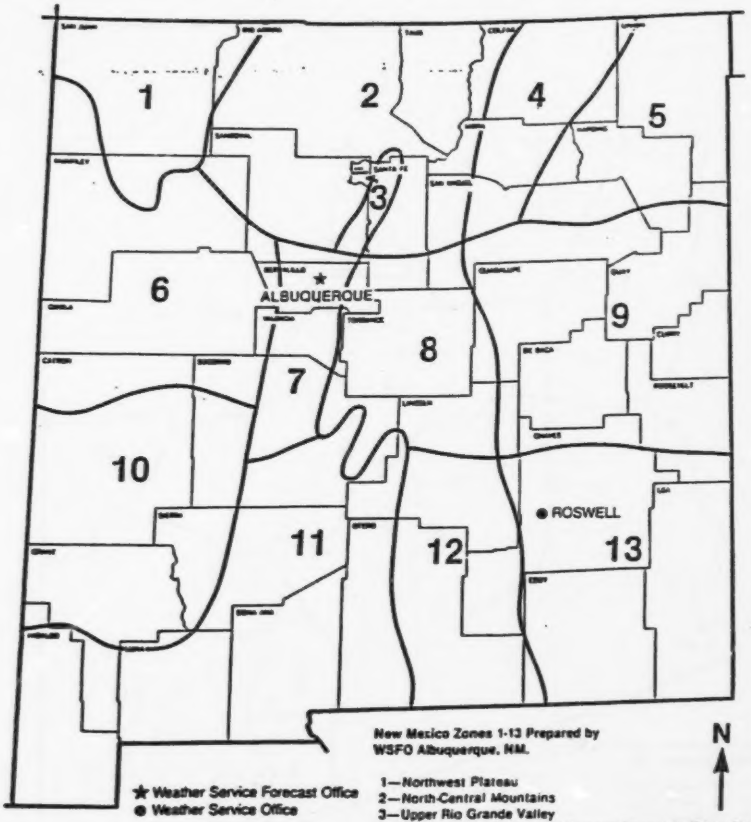
16. Lightning Activity Category. (Code 1-6) from midnight tonight until midnight tomorrow night.

17. 10-Hr Time Lag. Predicted trend in the 10-hour time lag fuel moisture. (Code -65 to 65). Zero trend is entered "0" not "M".

ARIZONA
ZONE FORECAST BOUNDARIES


1
2
3
FLAGSTAFF
5
WINSLOW
4
6
PHOENIX
8
7
YUMA
9
TUCSON
10
Arizona Zones 1-10 Prepared by WSFO Phoenix, AZ.
1—Northwest Deserts
2—Northwest Plateau
3—Northeast Plateau
4—Central Basins
5—Mogollon Rim
6—White Mountains
7—Southwest Deserts
8—South Central Deserts
9—Santa Cruz Valley
10—Southeast Arizona
N
★ Weather Service Forecast Office
● Weather Service Office
Scale of Miles
NATIONAL WEATHER SERVICE
Western Region

NEW MEXICO
ZONE FORECAST BOUNDARIES



New Mexico Zones 1-13 Prepared by
WSFO Albuquerque, NM.

★ Weather Service Forecast Office
● Weather Service Office

1—Northwest Plateau
2—North-Central Mountains
3—Upper Rio Grande Valley
4—Northeast Highlands (Incl. Eastern Sangre de Cristo Mtns.)
5—Northeast Plains
6—West-Central Mountains
7—Middle Rio Grande Valley
8—Sandia/Manzano Mtns and Central Highlands
9—East-Central Plains
10—Southwest Mountains (Incl. Gila Region)
11—South-Central and Southwest Valleys
12—South-Central Mountains
13—Southeast Plains

NATIONAL WEATHER SERVICE
Southern Region

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 20 - ADMINISTRATIVE PROCEDURES

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28.1 - FIRE SUPPRESSION WORK/REST GUIDELINES

The following work/rest guidelines were adopted by the National Fire Directors at the National meeting held in January, 1989

Management of crew, overhead, and support personnel rest to assure safe, productive fire suppression activity is a basic responsibility of fire management personnel. Utilize the following guidelines in decision making to assure adequate rest for fire suppression crews, overhead and support personnel.

1. Plan for and ensure a 2 to 1 work/rest ratio. Provide 1 hour of sleep/rest for every 2 hours of work/travel.

2. Unless negotiated at the time of dispatch, a fire assignment up to 21 days is to be expected and planned for. Personnel shall be released after 21 days (14 days for some State personnel) unless a longer tour is justified in writing by the Incident Commander and approval for further involvement is received from the home unit. A minimum of 14 days should be expected even in negotiated assignments.

3. Provide a minimum of 1 full day rest in every 14 day assignment and 2 full days rest in every 21 day assignment to continuous suppression activity. If AD crews are released at the end of a 14 day assignment R&R will not normally be provided.

4. Provide a minimum of 24 hours of rest for sleep and personal services following extended suppression assignment before mobilization to another fire.

5. Beginning at the time of an employees involvement in emergency driving, drivers shift will not exceed 12 hours with no more than 8 hours of actual driving. All work shifts must be followed by a minimum of 12 consecutive hours in non-duty status. (This is policy for some agencies)

6. When days off are planned, arrange for rest and recouping facilities that provide for:

   A. 8 hours uninterrupted sleep.
   B. Telephone for personal calls.
   C. Facilities for showering, and washing clothes.
   D. Commissary or other source of essential personal items.

Where practical, recreational opportunities may be provided such as television, video movies, etc.

R&R sites that provide the above needs at least cost should be selected.

Address work and rest management in performance evaluations and ratings for overhead, crews, and support personnel.

28.1 - CHANGE IN TOUR OF DUTY ON MULTIPLE DAY FIRE ASSIGNMENTS

Reply to: 6160 Date: September 22, 1988

To: Deputy Regional Foresters, Staff Directors, and Forest Supervisors

A spot change in a regular employee's tour of duty to a first 8-hour tour (first 9, first 10, etc., for compressed tours) on the second continuous day of a fire assignment is a long standing Forest Service policy. The policy is located in the Interagency Fire Business Management Handbook under section 12.1 and also in the Pay Administration, Attendance and Leave Handbook under section 22. This policy, for the most part, has been rigidly applied to all employees engaged in all types of direct suppression, support assignments, and related activities. In fact, it has been a common practice to record the employee's time on an Emergency Firefighter Time Report, OF-288, for any employee assigned to any type of fire work or activity. This procedure has been accepted as one definition of "fire assignment." Because of the varied support and related work assignments and activities too numerous to list, management has been plagued with the question, "what is the definition and intent of a 'fire assignment' relative to a spot change in tour?"

In view of the above, I have determined that there are certain support roles that our employees engage in that are of a one-time occurrence and/or short duration that should be viewed as any other emergency, irregular overtime, or detail situation. The most common types of examples are:

a. Truck driver
b. Assistant Disbursement Officer (ADO) helpers
c. Temporary dispatcher helpers
d. Miscellaneous and one-time special need help

These are examples of work assignments that are not to be interpreted "fire assignment" although the employee's regular time and overtime hours are recorded on the OF-288. The basis for this rational is that employees engaged in the above like assignments are not being released from their primary jobs by their supervisors. They are expected and required to perform their primary assignments. This temporary and noncontinuing detail or overtime assignment is no different from a need arising under other temporary workload needs. These assignments are distinguishable from "fire assignment" in that employees are not being released from their primary work.

SOTERO MUNIZ
Regional Forester (REGION 3)

28.3 - FIRE SUPPRESSION BASICS

Reply to: 5130 Date: August 19, 1987

Subject: Fire Suppression Basics

To: Regional Foresters and Area Directors

Lynn Biddison wrote the following in 1982, it was good advice then and it is good advice now. Please share these words with Forest and District personnel.

We often talk about the "fire suppression basics," but we are seldom specific about what we mean. The Fireline Handbook and the Firefighters Guide have some excellent material on the subject. The following are a few examples of what the "fire suppression basics" mean to me. Each person may be able to add some additional items of their own to this list.

I. Initial Attack.

1. Size up the fire.

2. Select key point for attack and go to work.

3. Continue work until the fire is controlled. If initial attack is not successful, continue to work on the flanks.

II. Line Location.

1. Avoid undercut lines and sharp angles in the line.

2. Construct a "black line" wide enough to control the fire, but do not waste time building a freeway.

3. All lines across slopes must be trenched.

4. Limb trees on either side of the line.

5. Make use of a "Hot Spot" crew in advance of main line construction.

6. Where possible, have crews take advantage of retardant drops (Do not regularly drop retardant unless crews are there to take advantage of it).

7. Use a line locator ahead of the line building crew (Can be part of crew overhead).

8. Fall all snags near line (Both inside and outside of the burn).

9. When the fire has long fingers, cut across and burn out rather than building line around each finger.

10. Clean all lines to mineral soil.

11. Dispose of material so it does not interfere with mop-up.

12. Where possible, keep one foot in and one foot out of the burn.

13. Take advantage of natural barriers.

III. General

1. Strike Team/Task Force Leader walk assigned section of the line at least three times per shift (Need to be where problems are occurring or are anticipated).

2. Division Supervisors walk their assigned section of the line at least once per shift (Need to be where problems are occurring or are anticipated).

3. Operations Chief must get out on the ground. The job can't be done solely from a pickup or helicopter.

4. Crew Supervisor take full responsibility for the crew both in and out of camp.

a. Be sure crews are fed and have proper sleeping facilities in camp.

b. Be sure crews are up, fed, and ready to go on the line by the time scheduled.

c. Be sure crews produce expected work on the line.

d. Deal with problems as they occur and not after the fire.

5. Each supervisor must insure everyone he/she supervises performs the job to standard. Do not accept poor performance. When it occurs, secure replacement and document the poor performance.

6. Have shift change accomplished so that crews are on line, ready to work before sunrise and before sunset.

7. Keep fire camps to a maximum of 500 people.

8. Use "Spike Camps" and "Coyote" tactics (Keep crews on line with minimal creature comforts).

9. Make use of rations and lunches rather than "Hot Meals" for short period fires.

10. Send crews and overhead directly from fire camp to airport or their home unit, not to an intermediate demob center.

11. Do not depend on helicopters to move crews. If a helicopter is not available do not wait for one--walk to the line (Same idea for ground transportation--if you can't drive there safely, get out and walk).

12. When mopping up with water, pair up nozzleman with a person with a hand tool.

13. Never leave the line until you are properly relieved and have briefed your relief.

14. Overhead will use every opportunity to train someone not doing the job properly.

15. Establish accomplishment objectives (expectations) for each crew or module. Have each Strike Team/Task Force Leader and Division Supervisor report actual accomplishment to Plans at end of shift.

16. Bring all tools and other equipment off the line at end of each shift and return them to camp.

17. Keep hand tools sharp and in good condition (Sharpen tools each time you take a break).

18. Use Crew Time Reports.

19. Flag spot fires over the main line so they can be checked.

20. Park vehicles so that roadways are not blocked.

21. When on the line, leave keys in vehicle. When in camp, turn keys in to Transportation.

22. In mop-up, feel out hot spots with bare hands (Not with gloves on).

23. If a crew is split up for helicopter flight to the line, start working as soon as you get to the line. Don't wait for the remainder of the crew, they will catch up when they arrive.

24. Do not be critical of other agencies -- assist them to meet control objectives.

25. Never take short cuts through the unburned.

26. Every person must have only one Supervisor.

27. Critique actions on every fire regardless of how small or large.

28. Bore in and bear down on performance and safety standards.

29. Instill a sense of urgency in those you supervise.

/s/L.A.Amicarella

L.A. AMICARELLA, Director
Fire and Aviation Management

28.4 - DELEGATION OF FOREIGN TRAVEL AUTHORITY

Reply to: 1230/1550 Date: April 14, 1988

Subject: Delegation of Foreign Travel Authority

To: Forest Supervisors

Authority is delegated to Forest Supervisors for emergency across-the-border firefighting activities in Mexico. Official passports are required for employees in Mexico on official business. Any travel costs incurred pursuant to emergency firefighting activities will not be counted against the unit's foreign travel allocation.

Although the authority to approve emergency firefighting is delegated, WO-International Forestry Staff (IF) must continue to be kept informed so that appropriate action can be taken to notify the American Embassy. The American Embassy will be available to assist in the event of employee injury or other complications which might arise. Advise S.J.Jones:R03A of all across-the-border trips to Mexico.

Although the costs incurred do not count against a Region's foreign travel allocation, this information should continue to be reported to FAM. There is a report of Obligations for Work Trips to Mexico which is due from Forests to RO at yearend.

For further information please contact Sue J. Jones, FAM (842-3369).

/s/ Thomas G. Schmeckpeper for
SOTERO MUNIZ
Regional Forester

28.5 - CWN HELICOPTER ACTION PLAN

Reply to: 5700 Date: April 15, 1988

Subject: CWN Helicopter Action Plan

To: Regional Foresters and Area Director

The enclosed action plan will be used for management of CWN helicopters. The procedure is basically the same as in previous years with the following exception: All medium and heavy CWN helicopters must be ordered through NIFCC. The number of helicopters available should be about the same as last year.

Since the Western fire season is already upon us, we request that the information specified in Item 6 of the action plan be provided to Keith Jensen by May 13. Keith's DG address is K.Jensen:W02A; his mailing address is 3905 Vista Ave. Boise, Idaho 83705; his phone is FTS 554-2611.

/s/ William McCleese for

L. A. AMICARELLA, Director
Fire and Aviation Management

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FIRE CWN HELICOPTER MANAGEMENT
ACTION PLAN

1. Regions will provide training to CWN helicopter managers. This may be done during the regular Regional helicopter workshops. BIFC Aviation and Contracting Staff members will be available to provide support if requested. Training will be sufficiently comprehensive to cover the following areas of concern in CWN medium and heavy helicopter operations:

   a. Load calculations.

   b. Contract administration.

   c. Contract differences (CWN vs. exclusive use and medium vs. heavy).

   d. Flight manual peculiarities.

e. Power check procedures.

f. FS 6500-122 preparation and distribution of copies, particular attention given to details necessary for ACUSE reporting.

2. Helicopter management modules will be assigned to each helicopter when ordered and, unless specified differently by the requesting unit, will be composed of the following minimum personnel:

HELICOPTER CLASS	MODULE REQUIRED
Light	One Manager plus two crew members
Medium (standard type)	One Manager plus three crew members
Heavy and restricted medium types	One Manager plus other personnel as needed, depending on how the aircraft is used, and support personnel provided by the contractor

3. All medium and heavy helicopters must be ordered through NIFCC.

4. When possible, management modules and helicopters will be joined at a staging area convenient to the incident prior to being sent to the incident. Managers will use the staging area to train the management module and to inspect the helicopter, using forms FS 5700-30 and FS 5700-31.

5. Management personnel are not allowed to ride in heavy or restricted type helicopters; because of this, managers of these aircraft will need transportation to the incident site from the staging area. If transportation is a problem, dispatchers and the ordering unit may agree to join the aircraft and management personnel at the incident site.

6. Regions need to provide the names of module Managers to the Contracting Officer. Each module Manager is designated a Contracting Officers Representative (COR) when assigned to a helicopter. The authority and responsibilities of the COR are delineated in Section G.2 (Medium) and G.5 (Heavy) of the contract. The Contracting Officer will provide copies of the contract to the managers and notify NIFCC.

28.6 - B-26 AIR TANKER USE GUIDELINES

Reply to: 5700 Date: May 25, 1989

Subject: Forest Service Use of B-26 Air Tanker

To: Forest Supervisors

A B-26 airtanker is available for interagency use at Whiteriver Airtanker Base.

A review of the B-26 performance data has been completed by our staff using the criteria listed in the Region Three Airtanker Base Guide. We recommend the following guidelines be used for the B-26 Airtanker at these Forest Service Airtanker Bases:

A. Alamogordo -- 800 gal. maximum retardant load.

B. Albuquerque -- 1000 gal. maximum retardant load.

C. Coolidge -- Not authorized.

D. Ft. Huachuca -- 1000 gal. maximum retardant load.

E. Grand Canyon -- 1000 gal. maximum retardant load.

F. Prescott -- 800 gal. maximum retardant load.

G. Silver City -- Not authorized.

H. Winslow -- 800 gal. maximum retardant load.

/s/ Jimmie L. Hickman

JIMMIE L. HICKMAN
Director, Aviation and Fire
Management

28.7 - "COYOTE TACTICS" DEFINITION

"Coyote Tactic" Definition:

This tactic consists of a progressive line construction technique involving self-sufficient crews which build fireline until the end of a shift; R.O.N. at/near that point; and then begin again on the next shift. Crews should be properly equipped and be prepared to spend several shifts on the line with minimal support from the fire camp.

- Meals during "Coyote Tactic" shift may consist of rations and/or sack lunches.

- The "Coyote Tactic" generally will not last over 3 or 4 shifts for any one crew.

- Division Supervisors will be responsible for establishing on and off shift times.

- Operations personnel will insure that crews understand this "Coyote Tactic" policy before the crews go on the line.

- Crews working "Coyote Tactic" shifts will be resupplied on the fireline as close to the R.O.N. point as possible.

"Coyote Tactic" Guidelines:

1. Can "Coyote Tactic" meet the standard fire-fighting orders and 18 watchout situations?

2. Can E.M.T. be provided?

3. Can daily priority logistical support of food and water be provided?

4. Can daily, effective communication (verbal and written) be maintained?

5. Can a timely medivac plan be implemented?

6. Joint ownership by operation personnel and crew supervisors.

28.8 - PURGING OF FUEL TANKS AND CONTAINERS

Reply to: 5700 Date: June 15, 1988

Subject: Purging of Fuel Tanks and Containers

To: Regional Foresters and Area Director

Current instructions on carrying fuel containers, gasoline-powered equipment such as chainsaws, and fusees on transport aircraft are inadequate. There have been inconsistent practices in the field and incidents with serious potential.

Effective immediately, follow the procedures below for all transportation of personnel and their equipment by transport aircraft. Transport aircraft are all aircraft except helicopters, smokejumper aircraft while transporting smokejumpers, and R-9 DHC-2 Beavers.

1. Empty and purge all engine fuel tanks (except motorized vehicles) and all fuel containers. Purging of fuel vapor may be accomplished either by use of purging fluids or inert gases, or by positioning the chainsaw, fuel container, or other equipment item with the filler opening upside down for at least 5 minutes to permit fuel vapors to flow out.

If commercial purging fluids are used, be sure to do the purging outdoors or in a well-ventilated area. These fluids and their fumes are toxic if inhaled or allowed to contact the skin.

2. Do not permit fusees on board the aircraft.

Procedures for non-transport aircraft are addressed elsewhere and are not covered here.

/s/ L.A Amicarella

L. A. AMICARELLA, Director
Fire and Aviation Management

Reply to: 5700 Date: February 7, 1989

Subject: Proposed Amendment, FSH 5709.16

To: Regional Foresters and Area Director

Enclosed for your review and promulgation is a proposed amendment to Forest Service Handbook 5709.16, Chapter 26, Leadplane Pilot Training and Qualifications. Pending Handbook revision, this guidance is effective immediately and applies to all new candidates for the leadplane pilot program.

Regional Aviation and Fire Directors are asked to make certain that distribution of this document reaches appropriate operational sections.

/s/ L. A. Amicarella

L. A. AMICARELLA, Director
Fire and Aviation Management

5709.16

IN-SERVICE FLIGHT OPERATIONS HANDBOOK

PROPOSED

DRAFT

26 - MISSION

The leadplane shall be used to ensure the safe, efficient, and economic use of airtankers in the management of wildland fires or other incidents. The Leadplane Pilot is responsible to the Incident Command System (ICS) to fulfill the responsibilities and functions of the Airtanker Coordinator (ATC) using the techniques and procedures prescribed in this section. In the absence of an Air Attack Supervisor (AAS), the leadplane pilot shall assume those responsibilities.

26.1 - Qualification and Designation. Leadplane Pilot candidates shall be Federal Agency or State employee pilots. They must meet all requirements of this section, including qualification as an ATC, prior to designation. Designation shall be in writing by the Regional Aviation Officer or National Aviation Operations Officer, and specify either Restricted or Unrestricted. The designating official will spell out the details of restriction in a designation letter.

26.2 - Leadplane Pilot Training.

Before the start of any training, an evaluation of the trainee's experience shall be made. The entire syllabus is recommended for persons having no previous aerial firefighting experience. Appropriate sections may be completed in less time by persons having some background. Time spent can vary with factors such as quality of time spent, complexity of the situation, and previous experience:

26.21 - Ground Training Requirements

Curricula - Leadplane pilot ground training will include but not be limited to the following formal fire and aviation subjects within the timelines specified.

26.21a - Fire Behavior. The following basic fire courses must be completed prior to qualification and are in full compliance with FSH 5109.17 - Wildland Fire Qualification Subsystem for the Airtanker Coordinator position.

1. I-220 Basic ICS.

2. S-190 Introduction to Fire Behavior. (Offered in the National Leadplane Standardization course.)

3. S-390 Fire Behavior.

26.21b - Air Operations. Except where otherwise noted, the following air operations courses must be completed at the time of qualification:

1. S-270 Basic Air Operations.

2. I-376 Airtanker Coordinator. Where this course may not yet be available, S-370, Intermediate Air operations may be substituted for an interim period.

3. I-378 Air Attack Supervisor. (Required prior to unrestricted qualification.)

26.21c - Airtanker/Leadplane Orientation.

Prerequisite to initial leadplane pilot qualification, candidates must have attended the National Leadplane Pilot Standardization course and/or completed the established curriculum inclusive of at least the following subjects:

1. Dispatch and incident arrival procedures.

2. Leadplane Tactics.

3. Target Description.

4. Leadplane Pilot Responsibilities.

5. Fixedwing Airtanker Capabilities and Limitations.

6. Helicopter/Helitanker Capabilities and Limitations.

7. Communications.

8. Retardant/Suppressant Drop Systems.

9. Retardant Prescription and Performance.

10. Fire Behavior, S-190.

11. Responsibility and Authority of the Leadplane Pilot as Airattack Supervisor (AAS).

26.22 - Flight Training Requirements.

Curricula - In addition to the initial and recurrent Forest service Pilot qualifications as outlined in this Handbook, leadplane pilot candidates shall possess the following qualifications and skills:

PHASE I - Flight Training.

1. 5 hours - In make and model within the last 90 days.

2. 10 hours - As observer on going fires with a fully qualified leadplane pilot.

PHASE II - Advanced Flight Training.

1. 5 hours in make and model - Fire planning and low level operations under the supervision of a qualified leadplane pilot/leadplane pilot check airman in accordance with the established National Leadplane Pilot flight syllabus. (Ref. Flight Syllabus, Chapt. 26.15).

Note: This training will normally be accomplished in conjunction with the National Initial Leadplane Pilot Standardization Course.

2. Prior to initial qualification, leadplane pilot candidates must have: 25 leadplane fire missions or, 25 hours on going fires with a fully qualified leadplane pilot/leadplane pilot check airman.

Note: Candidates without airtanker or heavy aircraft experience should be encouraged to ride in as many different airtankers as practical.

PHASE III - Final Evaluation and Qualification.

1. To be designated, candidates must have:

a. Applicable ground and flight training phases satisfactorily completed.

b. Recommendations and sign-offs from two (2) qualified leadplane pilots.

c. Endorsement of qualification by a Regional Leadplane Pilot Check Airman.

26.23 - Syllabus and Record Form(s).

All training and record forms for each phase of ground and flight training will be maintained in the individual's training folder and shall include at least the following:

1. Course Completion certificates.
2. Ground School Certification Forms.
3. Record of Flight Training.
4. Flight Checks and Recommendations.

26.24 - Ground Training Procedures.

Shall be in accordance with applicable national course curriculums and presented by qualified instructors.

26.25 - Flight Training Procedures - Phase II.

National Leadplane tactics provide a standard for maximum efficiency in airtanker operations and retardant performance evaluation.

1. Tactical Planning. Is an integral part of airtanker operations and shall include fuels identification, retardant prescription, drop instructions related to specific retardant coverage levels required by fire/fuel need, hazard briefings, and target description.

2. Safety. Airtanker operations over an incident are largely dependent upon safe approaches and exits, traffic separation, and a thorough understanding of the objectives by all air resources and the operations section(s).

3. Low level flight operations. Target identification will always include a complete and comprehensive briefing covering retardant drop instructions, flight path explanation and exit, initial point (IP)

location and altitude, and target elevation and hazards. Emphasis on safety of flight and task shall be maintained throughout all associated maneuvers and instructions.

a. Maneuvering - The entire leadplane mission can safely and effectively be accomplished with shallow to medium banked turns of no greater than 30 degrees. On occasion, terrain or conditions may dictate maneuvering at values greater than normal.

(1) When in extreme situations where maneuvering at greater values than normal are required, banks of up to, but not exceeding, 45 degrees are acceptable providing a minimum airspeed of 115 Kts IAS (blue line) is at least maintained.

(2) Proper mission planning should preclude any need for steep (greater than 30 degrees of bank) and erratic maneuvering in the low level environment.

(3) Airspeed limits during the leadplane mission should remain within "blue line" (115 Kts IAS) at the absolute low end to gear speed (177 Kts) IAS.

4. Leadplane Flight Syllabus

a. Area evaluation: From overhead the target area, the leadplane pilot/trainee will evaluate and describe terrain features, hazards, approach and exit paths, and anticipated flight conditions.

b. Approach and Exit Paths: Shall be downhill, downcanyon with the greatest degree of safety in mind.Leadplane pilots and trainees must always keep in mind that the turning radius of the large airtanker following is dependent upon a stabilized pattern and ground. Maneuvering at airspeeds greater than normally specified for type will increase the resultant radius of action and may require altering the pattern.

c. Descent to Target: Establish a stabilized approach at approximately 120-130 Kts, drag devices as required to maintain a 500-700 foot per minute rate of descent, terrain permitting. Identify hazards and report wind, turbulence, and visibility conditions. Adjust airspeed to match airtanker. Maintain a forward separation of approximatly 1/4 mile ahead and be alert for the airtanker overtaking.

d. Approaching the Target: Approximately 1/4 mile from target, accelerate with power and clean-up drag devices. Airspeed 140-150 Kts IAS crossing the target area.

e. Drop Height: Shall be safe drop height values keyed to the retardant coverage computer empirical data above trees or obstacles.

f. Over the Target: Wing Wag with a verbal "here" to mark the target or line.

Pull-up left or right, terrain permitting. This is a critical maneuver at low level and every precaution must be taken to assure airspeed and attitude are within prescribed limits.

(1) The pull-up manuver need not be more than what is minimally required to clear all obstacles and to provide the leadplane pilot with a view of the drop for evaluation. Normally a 20 degree pitch-up with a 20 degree change in heading will accomodate a rear quarter view of the drop.

Caution: Do not attempt the "pull-up" maneuver without first accelerating to 140-150 Kts IAS with power and reducing drag. Use only smooth and coordinated flight maneuvers in the low level environment. At no time should the airspeed be allowed to fall below blue line, 115 Kts IAS.

5. Evaluating. Standards outlined in the National Leadplane Pilot Standardization syllabus and 5709.16 shall be used as minimum for performance.

a. Check pilots should be able to determine adequacy of training based on performance. Areas of lack of knowledge or skill should be noted and the candidate recommended for additional training.

A safety attitude and awareness can be determined by the pilot's attention to safe procedures and use of checklists.

6. Judgement. Throughout all of the maneuvers and requirements of the mission described herein, the leadplane pilot/trainee must demonstrate judgement commensurate with the highest levels of safety. Every consideration must be given to:

a. adherence to specific procedures.

b. Common sense action in situations where there may not be a prescribed procedure.

28.10 - TERMINATION DATE OF CONTINUATION-OF-PAY (COP) FOR SEASONAL/EMERGENCY FIREFIGHTERS

Reply to: 6180 Date: March 31, 1989

Subject: Termination Date of Continuation-of-Pay (COP) for Seasonal/Emergency Firefighters

To: Forest Supervisors

Effective immediately, the Office of Workers' Compensation Programs (OWCP) position on COP for Casual/Emergency Firefighters is:

1. Seasonal Firefighters - COP must be terminated at the end of the fire season in the geographical area, as determined by the U.S. Forest Service.
2. Emergency Firefighters - COP must be terminated on the date which other Emergency Firefighters in the injured firefighters work group are terminated.

OWCP has determined that COP must be terminated at the end of employment, if the date of termination of employment was established prior to the date of injury.

Employment may not be extended beyond the established date of termination for the sole purpose of COP. If disability continues beyond the termination date, the employee has the right to file regular compensation.

If you have any question, call Frank D. Quintana at FTS 476-3393, Comm. (505) 842-3393, or DG F.QUINTANA:R03A.

/s/Dale Fabian
for
LOUIS VOLK, JR.
Deputy Regional Forester

28.11 - USE OF NATIONAL FOREST FIRES PROTECTION/NATIONAL FOREST FIRE FIGHTING (NFAF/NFFF) FUNDS

TO: Director, Fire and Aviation Management

We agree with your proposed new wording on funding of guarantee/availability for replacement of contract aircraft dispatched to another unit. This new wording will make the direction on funding guarantee/availability consistent with the funding direction for replacement of firefighters funded from NFAF.

The new direction will be revised as follows.

> The home unit' shall continue to pay the guarantee/availability for the contract aircraft dispatched to another unit from NFAF funds. If the home unit request and and receives a replacement aircraft, the availability cost of the aircraft sent off the home unit for the fire suppression purposes shall be funded from NFFF and availability of the replacement aircraft funded from NFAF.

We will issue an ID to FSH 6509.11k with this new direction.

/s/ E.R. Hughs for
JAMES TURNER, Acting Director
Fiscal and Public Safety

28.12 - 1988 FIRE SEASON---LESSONS FOLLOW-UPTION/NATIONAL FOREST

Reply to: 5100 Date: May 25, 1989

Subject: 1988 Fire Season--Lessons Follow-up (our ltr. 4/7)

To: Regional Foresters and Area Director

This letter replaces the one sent in April that we asked your fire directors not to distribute. My purpose is to share with you a number of items that should be helpful in carrying out your fire management programs. We have many tools at our disposal and we need to use all of them including prescribed fire.

The extreme fire situation of 1988 provided us the opportunity to experience several lessons in wildland fire management. Some of these lessons are new. We had many successes, particularly as regards strong initial and extended attack and in the deployment of more firefighting resources than ever before, for the second consecutive year. Our problems, and those of our cooperators, were primarily associated with the management of prescribed natural fires in a severe fire season. I encourage you to consider the following items in carrying out your fire management programs.

1. The level of risk and consequences can be very high with prescribed natural fires, particularly for early season ignitions during abnormally dry conditions.

2. Technically sound prescribed fire plans with well-defined objectives, prescriptions, and decision criteria are a necessity.

3. It is essential that Forests and Regions are aware of burning conditions and fire activity, in and around their units. Regional and national situation monitoring and program oversight are a must.

4. Pre-season agreements and the timely organization and training of local cooperators strengthens our suppression capability and community relations.

5. Early preparedness and use of fire severity authorizations to bolster forces facilitates effective initial and extended fire attack during severe fire years; a major success!

6. Professional fire program leadership and management includes timely advice and counsel to line officers.

7. Incident management teams must adhere to sound fire suppression tactics.

8. Knowledgeable line officer involvement and sound decisions are a necessity.

9. Timely recognition is needed for setting up the proper organization to manage expanding situations and for determining the roles for Multi-Agency Coordination (MAC) groups. Incident support and Area Command organizations also need early recognition to gain a successful fire suppression effort.

10. Thorough, well-documented Escaped Fire Situation Analyses, evaluating alternative actions and associated consequences are essential. Line officer direction must be clear and well-documented.

11. Regular Army, Marine, and emergency firefighting crews were promptly trained, mobilized, and performed well; another major success!

12. Interagency planning, coordination, and timely resolution of differences are critical in wildland fire management. Failure to do so results in ineffective and obviously uncoordinated actions with adverse consequences.

13. Failure to utilize local cooperators and volunteers in appropriate assistance roles is poor management as well as being indefensible.

14. Wildland and structural fire protection agencies cooperated and joined forces to provide effective structure protection in the wildland/urban interface under the most extreme conditions.

15. Confusion and lack of confidence results, both internally and externally, when fire suppression objectives and actions are not explained well.

16. Wildfire was fought safely, both on the ground and in the air, when personnel were aware of safety hazards and risks, and timely action was taken to manage the situation properly.

Our organizations were severely tested during 1988, and many successful actions were taken. Now we have an opportunity to improve upon that experience.

/s/ Allan J. West
ALLAN J. WEST
Deputy Chief

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 30 - ORGANIZATION

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30.11 - DISPATCHING STRUCTURE

A. Dispatching channels within the Southwest Area are from Forest or agency, to the Zone Dispatch Center, to the Southwest Interagency Coordination Center. For interregional movement of resources, resource orders from Federal and State agencies within the Southwest Area will be relayed to the National Interagency Fire Coordination Center (NIFCC) through the Coordination Center.

1. Routine Operation. Daily routine, with small incidents of relatively simple complexity that are handled with the normal resources available on the unit. See Type IV Incidents.

2. Extended Attack or Multiple Incidents. (See Type I thru Type III Incidents) The forest/agency dispatch office may continue to meet some incident needs with local resources but may be required to request resources through the zone dispatch office. If resources are not available from within the zone, the resource order will be placed with the Southwest Area Coordination Center. (See Exhibits I and II, Section 22).

a. The Forest/agency may activate an Incident Support Organization **(Center)** when it appears the dispatch office will become overloaded with incident support requests (other then aircraft) until the incident is contained or the Incident Management Team has direct contact with the Incident Support Organization via radio or telephone. Beyond initial action, requests for incident needs, except aircraft, **will be to the Overhead/Crew** or **Equipment/Supply Desk**, as appropriate, in the support organization, to the Zone Coordination Center. All resource orders **concerning aircraft** should be handled by the **Incident Unit dispatch office.**

3. Expanded Dispatch Operation. More complex incidents or multi-incident situations may require expansion and 24-hour manning of the dispatch office. Support and Recorder Dispatchers may have to be requested to assist in the dispatch office **or Support Center.**

30.12 - INCIDENT COMPLEXITY

A. **There are many factors that determine the complexity of an incident, such as size, location, threat to life and property, political sensitivity, organizational complexity, jurisdictional boundaries, values-at-risk, fuel type, topography, agency policy, etc. However, the qualifications of the Incident Commander (IC) assigned to an incident are the responsibility of the responsible agency and/or agencies.**

The jurisdictional head or designated representative must determine the complexity of an incident and assign qualified personnel as needed. In situations where mutiple agencies and jurisdictions are involved, the determination of complexity and qualifications should be done jointly.

Qualifications for Incident Commanders are only established for Type I and Type II Incidents. Type III and IV Incidents are described and experience levels for IC's are suggested, but no specific qualification standards have been established. Within the local operatin area the involved agencies can agree to qualifications that meet their needs for Types III and IV.

1. Type IV (Initial Attack Incident). Nationwide, about 95 percent of all wildland fire incidents fall into this type. These are small incients of relatively simple complexity that are handled by a very few firefighting forces. This type of incident has the following characteristics:

a. Resources vary from a single firefighter to several single resources. Possibly a single Strike Force or Strike Team.

b. Normally limited to one operational period - at least the control phase. Mop up may extend into multiple periods.

c. Normally does not require a written action plan.

d. Normally the Command/General Staff positions will not be activated.

2. Type III (Extended Attack Incident). Initial responses with a large number of resources or an extended attack are examples of this type incident. In most cases these incidents are relatively small (less then 100 acres), but in some wildland/rural areas where the values at risk low the fire size could be significantly larger. Characteristics of these incidents are:

a. Resources vary from several single resources to several Task Force/Strike Teams.

b. The incident may be divided into divisions, but would usually not meet the Division/Group Supervisor complexity in regards to span-of-control. (See "Dividing Your Fire Using ICS" by David Hanson)

c. May involve multiple operational periods prior to control. If so, a written action plan would be required.

d. Some of the Command and General Staff positions may be activated, but as often as not at the Division/Group Supervisor and Unit Leader level as opposed to Type I and II level.

e. May utilize staging areas and establish a base.

3. Type II. This is the first level at which most or all of the Command and General Staff positions are activated. The IC and the Command/General Staff must function as a team handling all aspects of supervising a large organization, multiple operational periods, the gathering of information to develop an action plan, developing an action plan, and providing logistival support including the establishment and operation of a base and possibly camps.

In the WILDLAND FIRE QUALIFICATION GUIDE (310-1) this is referred to as a Multi-Leader level incident requiring a Multi-Leader qualified Incident Commander and General Staff.

Characteristics of a Type II Incident are:

a. Most or all of the Command/General Staff positions are filled.

b. Base/camp(s) are established.

c. The incident extends into multiple operational periods.

d. A written action plan is needed and prepared.

e. Many of the Functional Units are needed and staffed.

g. Number of line workers per operational period usually does not exceed 200 and the total personnel on the incident normally does not exceed 500 personnel. These numbers are guides only.

h. Divisions are usually established, but quite often only to geographically break up the incident to facilitate making work assignments as opposed to span-of-control or other complexity factors (reference "Dividing Your Fire Using ICS" by Dave Hanson). A qualified Division/Group Supervisor is not required on divisions established for reasons other than span-of-control or other complexity factors.

4. Type I. The primary difference between a Type I and a Type II Incident is a matter of size and complexity. The factors that affect the decision to go to a "Type I" operation are extremely variable and depend to a large extent upon the needs and policies of the agency or agencies involved.

A Type I Incident almost always requires the establishment of divisions that require Division/Group Supervisor qualified personnel and may require the establishment of Branches. Incident Mangement Teams assigned to Type I Incidents are the agencies most qualified personnel.

The Type I Incident combines the Multi-Division and Multi-Branch classifications as identified in the WILDLAND FIRE QUALIFICATIONS GUIDE (310-1).

The Type I Incident meets all of the criteria of a Type II Incident plus the following:

a. All Command and General Staff positions are activated.

b. Operations personnel may often exceed 500 per operational shift and total personnel on the incident will usually exceed 1000. Again, these numbers are guides only.

This is a large, complex incident and requires will-qualified personnel at the IC and Command/General Staff level. In most cases the personnel qualified at this level will have had multiple Type II assignments before being qualified and assigned at this level.

30.13 - INCIDENT SUPPORT ORGANIZATION

A. The Forest Fire Management Officer shall take the lead role in working with the Forest Administration Officer to develop local criteria for the establishment of a Level II Incident Support Organization and to identify and train local personnel to fill the positions needed to support it. Each forest shall conduct simulation exercises annually to train local personnel to perform specific jobs in the organization. Compatability of individuals assigned to positions is very critical. Units must plan for enough people to operate their incident support organization as a 24 hour operation and must be able to expand to meet growing needs. Only fill the positions as needed. Trainees should be assigned to key jobs as early in the situation as possible. When the Forest does not have sufficient qualified local personnel available to fill positions they should place orders with the Southwest Interagency Coordination Center immediately to import qualified people.

B. The primary objective of this organization is to ensure that forest dispatchers can continue to handle all operations even when incident teams are assigned. When the forest dispatcher cannot obtain needed resources from forest sources, requests shall be channeled through the incident support organization. The key elements to meet incident needs are transportation and logistics coordination; procurement of personnel, equipment, aircraft, and miscellaneous supplies; and lodging and meals. The fire support organization shall be responsible for the delivery of supplies and support items to fires in a timely manner. The ordering unit will be notified, through channels, when a delay in delivery is anticipated or all items cannot be delivered.

C. It is the responsibility of the Fire Management Officer to notify the Southwest Area Coordinator when anticipating the need for support and equipment from off-forest sources. The Southwest Area Coordinator shall alert adjacent forests/agencies of the possible support needed so they can activate an appropriate incident support organization.

D. The Cibola, Coconino, Coronado, and Tonto National Forests have a major role in supporting incident on other forests/agencies. These Forest Supervisors Offices are located in cities that have major airports and also have ready access to vendors and facilities necessary to support a fire organization.

30.14 - FOREST RESPONSIBILITIES

A. The Forest Dispatcher and Administrative Services Section Head are responsible for developing and maintaining an up-to-date Forest Source of Supply Plan. (See 24.2) Forests should review the supply plan monthly and immediately after project fires from March through July, noting all changes in sources of supply, personnel contacts and agreements accordingly.

B. Office space will be preplanned and designated for the incident support oganization. The incident support organization cannot work in the Forest dispatch office but should be in close proximity for overall coordination and management. Signs should be prepared to identify offices and positions of the fire support organization.

C. Make arrangements with the local telephone company for additional telephones and lines to be installed on short notice (four hours). Rotary lines are superior to separate line with one person answering and routing incoming calls.

D. Forest Fire Management Officers will anticipate fire needs and activate their fire support organization. The level of the operation will be based on the best forecast of ultimate needs.

E. Project Fire Checklist. Transitioning to project fire situation from initial attack.

Step No. 1 - Activate Interagency Incident Management Class I or Class II Team. (Section 23.9 C)

Step No. 2 - Fill out Escaped Fire Situation Report and 500 Person Logistical Support Checklist. (Sec. 26.2)

Step No. 3 - Notify the Southwest Area Coordinator / Southwest Interagency Coordination Center of the situation; request a Temporary Flight Restriction (Sec. 26.9) and a temporary VHF Radio Frequency, (Sec. 21.4), if required.

Step No. 4 - Implement an expanded dispatching facility (Sec. 30.11).

Step No. 5 - Implement an Incident Support Organization commensurate to the situation. (Sec. 30.13)

Step No. 6 - Notify law enforcement and other cooperating agencies. (See 60-61)

Step No. 7 - Consider needs for staging area and personnel.

30.21 - MULTIAGENCY COORDINATION GROUP (MAC GROUP)

A. A MAC Group and supporting organization would normally be activated when the character and intensity of the emergency situation significantly impacts or involves other agencies. The MAC Group is made up of top management level personnel from those agencies who have jurisdictional responsibility and those who are heavily supporting the effort or may be significently impacted by lack of local resources. These agency representatives are briefed so they can relieve the expanded dispatch organization of the responsibility for making key decisions regarding the sharing and use of critical resources.

Functions they are responsible for include:

1. Prioritize incidents.

2. Ensure that the collective situation and resource situation status is provided and current, by agency.

3. Determine specific resource requirements and availability, by agency, and the need for providing resources in a mobilization center.

4. Determine need and designate mobilization and demobilization centers.

5. Allocate scarce or limited resources to incidents based on priorities.

6. Anticipate future resource needs.

7. Review policies and agreements for resource allocations.

B. Activation of MAC Group improves interagency coordination at top management levels and provides for allocation and timely commitment of multiagency emergency resources on any incident. Participation by multiple agencies in the MAC effort will improve:

1. Overall situation status information.

2. Incident priority determination.

3. Resource aquisition or allocation

4. State, Federal disaster coordination

5. Political interfaces.

6. Overall coordinated information provided to the media and agencies involved.

C. MAC personnel usually communicate with Area Commands and/or Incidents through established dispatch/coordination centers. The existence of an Area Command is not a prerequisite to setting up MAC.

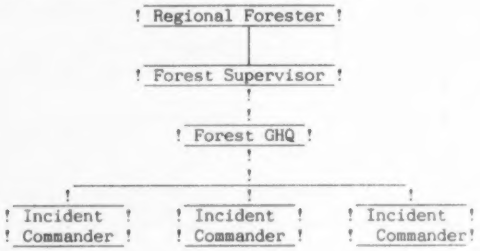
30.22 - AREA COMMAND

A. An Area Command group may be activated to coordinate multiple incidents each being handled by Incident Management Teams, or to coordinate a very large incident that has several Incident Management Teams assigned. Principle duties are to insure that incidents are adequately managed, set over-all strategy, set priorities, allocate resources based on priorities, and that established strategies and objectives are followed.

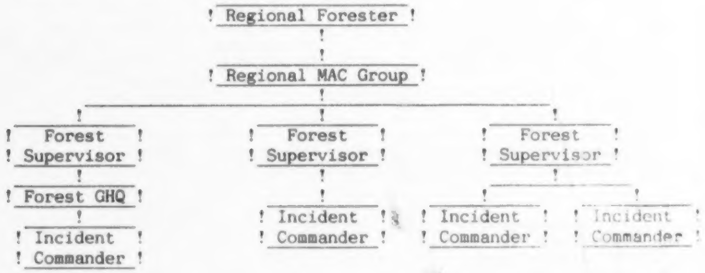
1. This organization will normally be relatively small, with personnel assigned to Command, the Planning and Logistics Sections, and possibly the Air Operations Function.

30.23 - FIRE CONTROL ORGANIZATIONAL STRUCTURE IN THE SOUTHWEST AREA

A. Multiple Major Fire Operation (Forest wide)


Regional Forester
Forest Supervisor
Forest GHQ
Incident Commander
Incident Commander
Incident Commander

B. Multiple Major Fire Operation (Region wide)


Regional Forester
Regional MAC Group
Forest Supervisor
Forest Supervisor
Forest Supervisor
Forest GHQ
Incident Commander
Incident Commander
Incident Commander
Incident Commander

DAY OFF SCHEDULE

		SUN	MON	TUE	WED	THR	FRI	SAT
INTERAGENCY	HOTSHOT CREWS		**Flagstaff**	**Flagstaff**		**Blue Ridge**	**Blue Ridge**	
				Heber	Heber	Prescott	Prescott	
			Payson	Payson	Globe	Globe	Pl.Valley	Pl.Valley
		Ft.Apache			**Mormon Lake**	**Mormon Lake**		**Ft.Apache**
		Silver Cty	Silver Cty			Santa Fe	Santa Fe	
					Mescalero	**Mescalero**		
				Carson	Carson	Smokey Bear	Smokey Bear	
				Sacramento	Sacramento		Negrito	Negrito
AIR TANKERS			Grand Cny'n T-45 DC-6	Coolidge T-05 P2V	Winslow T-51 DC-6	Winslow T-119 Super DC-4	Prescott T-12 P2V	
				Whiteriver T-58 B-26	Whiteriver T-126 PB4Y2			
			Alamagordo T-11 P2V		Silver City T-152 DC-4		Albuquerque T-06 P2V	
				Albuquerque T-20 DC-6		Silver City T-151 DC-4		
		Hemet-Ryan T-02 DC4	Hemet-Ryan T-19 DC4	Ramona T-14 DC4	Lancaster T-17 DC4	JEFFCO T-121 PB4Y2		Fresno T-60 DC7
		Grand Junction T-127 PB4Y2 (12 on/2 off)				Porterville T-13 DC-4		Lancaster T-16 DC-4
DETAIL LEAD PLANES				Coolidge	Winslow	Silver City		

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CHAPTER 40 - COOPERATION

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40.1 - JOINT POWERS AGREEMENTS

A. Joint Powers Agreements Between the State of Arizona and the Federal Agencies of the Departments of Agriculture and Interior with Fire Responsibilities. Reference to agreement number FS-16-R3-82-0018. As per section A.7., Annual Operating Plans shall be done.

B. Joint Powers Agreement Between the State of New Mexico and the Federal Agencies of the Departments of Agriculture and Interior with Fire Responsibilities. Reference to agreement number FS-16-R3-77-000. As per section E.5., Annual Operating Plans shall be done.

40.2 - INTERREGIONAL AGREEMENTS

A. Kaibab and Dixie National Forests. These forests may work directly with each other for exchange of initial attack primary firefighting forces available from their forest. Each forest is responsible for informing their Regional Office of committments of resources either sent or received.

40.3 - INTERNATIONAL AGREEMENT WITH MEXICO

A. On December 9, 1988, in Nogales, Mexico, the first agreement between the U.S. Forest Service and Mexican Forestry cooperators for the prevention and suppression of fires along the International border between Sonoro, Mexico and the Coronado National Forest was signed.

1. The purpose of this Agreement is to establish a joint program to prevent and fight forest fires along the International Border between Sonoro, Mexico and the Coronado Natioal Forest in Arizona, in order to protect life, property and natural resources from forest fires and at the same time to minimize the costs incurred in fighting the fires.

2. The fires referred to are those which have started in Mexico and tend to spread or continue toward the United States, or that start in the United States and spread into Mexico, threatening the forest resources of either country.

40.4 - NATIONAL GUARD SUPPORT

A. Ordering procedures are outlined in Section 22.4. The Joint Powers Agreements for Arizona and New Mexico provides general information on the use of National Guard.

40.5 - MILITARY SUPPORT

A. Fort Huachuca. The Coronado National Forest has an agreement with Fort Huachuca Army Headquarters to provide support and assistance between the two units.

B. Sixth Army. The Sixth Army Corps area of responsibility for support in domestic emergencies such as forest fires includes Arizona and New Mexico.

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- 56.1p - Fort Union National Monument
- 56.1q - Gila Cliff Dwellings National Monument
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58.1 - WEATHER SERVICE, RAWS/AFFIRMS HELP, TIME CHECK

59.1 - Federal Aviation Agency (FAA) and Kirtland Air Force Base

59.2 - Commercial Air Carriers / Charter Companys / SATO

51.1 - SOUTHWEST INTERAGENCY COORDINATION CENTER

MAY 89

ADDRESS	CITY	STATE	ZIP CODE
517 Gold Avenue SW	Albuquerque	NM	87102-0084

24 HOUR NUMBER	PAGER	DISPATCHER
COMM: (505) 842-3473 FTS: 476-3473	A&FM STAFF (505) 843-3700 AIR UNIT (505) 843-5810	COMM: (505) 842-3473 FTS: 476-3473
FAX	**UNIT DESIGNATOR**	**DG MAILING ADDRESS**
COMM: (505) 842-3800 FTS: 476-3800	R03	DISPR03:R03A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	HOME CTC TELEPHONE
FIRE / GENERAL BUSINESS	**SOUTHWEST AREA**	505	842-3473	476-3473	
John Burton	Southwest Area Coordinator	505	842-	476-	263-0461 (897-2890)
Cyndie Hogg	Assistant Area Coordinator	505	842-	476-	269-1825
Dick Ghoslin	Assistant Area Coordinator	505	842-	476-	293-4262
Joe Hydock	Dispatcher	505	842-	476-	263-0463 (897-4425)
BLM	Dispatcher	505	842-	476-	
BIA	Dispatcher	505	842-	476-	
NPS	Dispatcher	505	842-	476-	
Tom Eddy	Dispatcher/ Intelligence	505	842-	476-	263-0465 (298-7257)
	Intelligence	505	842-3473	476-3473	
	Intelligence	505	842-3473	476-3473	
Basement Phone		505	766-1185	474-1185	

51.2 SWCC - Zone Dispatch Centers MAY 89

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
SOUTHWEST NEW MEXICO ZONE (Silver City)					
George Ewan	Forest Dispatcher	505	538-5372		538-5688
Harry Phillips	Ass't Forest Disp.	505	538-5371		538-9777
Willie Zapata	Relief Dispatcher	505	538-5371		537-6208
Lorie Hildebrand	BLM Dispatcher	505	538-5372		388-4934
Steve Servis	Fire Staff (GNF)	505	538-8350		538-9331
Dusty Voss	Fire Staff (LCD)	505	525-8228		522-5206
NORTHWEST ARIZONA ZONE (Williams)					
George Kleindienst	Forest Dispatcher	602	635-2601		635-4321
Bob Richardson	Ass't Forest Disp.	602	635-2602		526-4468
Lyle Riemer	Ass't Dispatcher	602	635-2797		635-2766
Gary Loving	Ass't Fire Staff	602	635-2681		635-4718
"Doc" Smith	Fire Staff Officer	602	635-2681		774-4740
SOUTHEAST NEW MEXICO ZONE (Alamagordo)					
Bob Pena	Forest Dispatcher	505	437-5147		434-5428
	Ass't Forest Disp.				
John House	Relief Dispatcher	505	437-2286		437-3234
Tom Taylor	Tanker Base Manager	505	437-2286		437-9813
	Ass't Fire Staff				
Billy Leonard	Fire Staff Officer	505	437-6030		687-3308
NORTH CENTRAL NEW MEXICO ZONE (Santa Fe)					
Mike Mooney	Forest Dispatcher	505	988-6900	476-1900	437-5593
John Romero	Ass't Forest Disp.	505	988-6900	476-1900	757-6405
Kim Leo	Relief Dispatcher	505	988-6940	476-1940	473-2297
Nancy Neskauskas	NM State Dispatcher	505	827-8080	476-1900	983-3232
Matt Jiminez	BIA Dispatcher	505	988-6900	476-1900	
	NPS Dispatcher	505	988-6900	476-1900	
Les Buchanan	Ass't Fire Staff	505	988-6904	476-1904	471-3492
Ray Page	Fire Staff Officer	505	988-6944	476-1944	473-1400
CENTRAL ARIZONA ZONE (Phoenix)					
Tim Bos	Forest Dispatcher	602	225-5351		997-6335
Dick Bauer	Ass't Forest Disp.	602	225-5352		225-9282
John Chavez	Relief Dispatcher	602	225-5353		234-3093
Bob Wagenfehr	Fire Staff Officer	602	225-5240		931-6471

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

51.2 SWCC - Zone Dispatch Centers MAY 89

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
SOUTHWEST INTERAGENCY COORDINATION CENTER					
John Burton	Area Coordinator	505	842-	476-	897-2890
Cyndie Hogg	Ass't Area Coordinator	505	842-	476-	269-1825
Dick Ghoslin	Ass't Area Coordinator	505	842-	476-	293-4262
Joe Hydock	Dispatcher	505	842-	476-	897-4425
Tom Eddy	Dispatcher	505	842-	476-	298-7257
WHITE MOUNTAIN ARIZONA ZONE (Springerville)					
Rocky Gardom	Forest Dispatcher	602	333-4417		333-4209
		602	333-2347		
Georgia Morris	Relief Dispatcher	602	333-4417		333-2877
John Thompson	Asst Forest FMO	602	333-4417		333-2328
Jack Wade	Fire Staff Officer	602	333-4301 Ext 245		333-4790
NORTHERN NEW MEXICO ZONE (Taos)					
George Devis	Forest Dispatcher	505	758-6208		758-3369
Armando Fernandez	Ass't Forest Disp	505	758-6209		758-2114
Carmen Garcia	Ass't Forest Disp	505	758-6208		758-1846
Mark Trujillo	Ass't Forest FMO	505	758-6307		758-1739
Stet Edmunds	Fire Staff Officer	505	758-6240		776-2464
CENTRAL NEW MEXICO ZONE (Albuquerque)					
	Forest Dispatcher	505	275-5215	474-5215	
		505	275-5237	474-5237	
	Ass't Forest Disp.	505	275-5215	474-5215	
Dave Mouer	BIA Dispatcher	505	275-5215	474-5215	263-2499
Roy Carson	Fire Staff Officer	505	275-5207	474-5207	869-3143
NORTHEAST ARIZONA ZONE (Flagstaff)					
Amos Coochyouma	Forest Dispatcher	602	526-0600	765-7419	774-1675
	Ass't Forest Disp.	602	527-7420	765-7420	774-4636
Cyndie Harger	Relief Dispatcher	602	527-7420		
Beale Monday	Ass't Forest FMO	602	527-7348	765-7348	
Larry Whelan	Fire Staff Officer	602	527-7421	765-7421	526-6257
SOUTHEAST ARIZONA ZONE (Tucson)					
Howard Jones	Forest Dispatcher	602	629-6432	762-6432	326-5967
	Ass't Forest Disp.	602	629-6432	762-6432	
Larry Tuck	Relief Dispatcher	602	629-6432	762-6432	298-3066
Robyn Wasserman	NPS Dispatcher	602	629-6432	762-6432	
John Roberts	Fire Staff	602	629-6487	762-6487	297-4061

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52A - BIA ARIZONA PHOENIX AREA OFFICE AND AGENCY DISPATCH OFFICES MAY 89

UNIT, IDENTIFIER AND CONTACT NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE	
			COMMERCIAL	FTS		
Phoenix Area Office (PAA)	P.O. Box 10 Phoenix, AZ 85001					
John Philbin	Area Forester	602	241-2287	261-2287	602	264-0770
Arth Wells	Forester F.D.	602	241-2288	261-2288	602	285-1436
Henry Rawlins	Fire Mgmt Officer	602	241-2287	261-2287	602	992-7210
Colorado River Agency (CRA)	Rt.1 Box 9-C, Parker, AZ 85344					
Peter Overton	Asst Fire Mgmt Off.	602	669-6121	Ext 224	602	669-5327
Stuart Hammons	Fire Mgmt Officer	602	669-6121	Ext 215		
Melvin Todacheni	Agency Fire Chief	602	669-6121	Ext 240	602	
Fort Apache Agency (FTA)	P.O. Box 560, Whiteriver, AZ 85941					
Guy Massey	Dispatcher	602	338-4337		602	338-4864
Robert Vatahs	Dispatcher	602	338-4337		602	338-4272
Benrita Burnette	Relief Dispatcher	602	338-4337		602	338-4279
Ken Butler	Fire Mgmt Officer	602	338-4336		602	367-3244
Fort Yuma Agency (FYA)	P.O. Box 1591, Yuma, AZ 85364					
Terry Long	Dispatcher	602	726-6300			
Joseph Jackson	Fire Mgmt. Officer	602	572-0248	764-6608	619	572-0691
Hopi Agency (HOA)	P.O. Box 158, Keams Canyon, AZ 85247					
Pat Williams	Fire Mgmt Officer	602	738-2229		602	526-8533
Papago Agency (PPA)	P.O. Box 578, Sells, AZ 85634					
Charles Sullivan	Fire Mgmt Officer	602	383-3278/3277		602	746-1359
Benny Reino	Fire Foreman	602	383-3361		602	383-2659
Richard Harvey	Asst.Fire Foreman	602	383-3278		602	383-2802
Pima Agency (PMA)	P.O. Box 8, Sacaton, AZ 85247					
Darrell McClellan	Land Operations Officer	602	562-3372		602	844-7596
Daniel Lewis	Equipment Foreman	602	562-3532		602	562-3762
San Carlos Agency (SCA)	P.O. Box 209, San Carlos, AZ 85550					
Norbert Pechuli	Dispatcher	602	475-2729		602	475-2621
Orville Victor	Asst.Dispatcher	602	475-2729			
Wilbur Belvado	Fire Mgmt. Officer	602	475-2729		602	425-9023
Truxton Canyon Agency (TCA)	P.O. Box 37, Valentine, AZ 86437					
Rupert Steele	Dispatcher	602	769-2270		602	769-2396
Ronnie Quasula	Fire Mgmt. Officer	602	769-2270		602	
Willie Begay	Suprv'sry Forester	602	769-2279		602	757-5911
Answering Service		602	769-2279			

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52b - BIA NEW MEXICO ALBUQUERQUE AREA OFFICE AND AGENCY DISPATCHERS MAY 89

UNIT, IDENTIFIER, AND CONTACT NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
BIA Albuquerque Area Office (AAA) P.O. Box 26567, Albuquerque, NM 87125					
Fernando Abeita	Fire Mgmt. Officer	505	766-2992	474-3150	869-2890
Steve Haglund	Area Forester	505	766-2991	474-3150	*831-6922
BIA Jicarilla Agency (JIA) P.O. Box 167, Dulce, NM 87528					
Tom Lefthand	Assistant FMO	505	759-3661		759-3089
Carl Romnes	Fire Mgmt Officer	505	759-3463		759-3053
Bill Muniz		505	759-3661		759-3381
BIA Laguna Agency (LAA) P.O. Box 1448, Laguna, NM 87026					
Calvin Pino	Fire Mgmt. Officer	505	243-4467 or 552-6001		552-6179
BIA Mescalero Agency (MEA) Box 189, Mescalero, NM 88340					
Leland Pellman	Dispatcher	505	671-4419		671-4507
Raymond Kirgan	Fire Logistics	505	671-4419		671-4569
Larry Schmidt	Agency Forester	505	671-4410		257-2629
Cornel Cervantes	Fire Plans/Ops.	505	671-4419		
BIA Northern Pueblos Agency (NPA) 1570 Pacheco Blvd., Santa Fe, NM 87504					
David Nicol	Fire Mgmt. Officer	505	988-6149		505 438-0612
Ruben Romero	Assistant FMO	505	758-4139		758-1810
BIA Ramah Agency (RNA) General Delivery, Ramah, NM 87321					
Vance Yazzie	Fire Mgmt. Officer	505	775-3264		775-3330
Richard Evans	Superintendent	505	775-3235		783-4220
BIA Southern Pueblos Agency (SPA) P.O. Box 1667, Albuquerque, NM 87103					
David Mouer	Dispatcher	505	275-5237	474-5237	263-2499
Vince Toya	Asst.Fire Mgmt.Off.	505	766-2505	474-2505	
Eddie Lente	Fire Mgmt. Officer	505	766-2505	474-2505	869-6102
BIA Southern Ute Agency (SUA) Box 315, Ignacio, CO 81137					
Sylvian Valdez	Fire Mgmt. Officer	303	563-4571		884-9433
Tony Recker	Forest Manager	303	563-4571		563-9393
Stuart Herrera	Forestry Technician	303	563-4571		563-9542
BIA Ute Mountain Agency (UMA) General Delivery, Towaoc, CO 81334					
Dorrance Steele	Superintendent	303	565-8471		565-4239
BIA Zuni Agency (ZUA) Box 369, Zuni, NM 87327					
Roger Jensen	Agency Forester	505	782-2660		782-2837
Harry Johnson	Forestry Technician	505	782-4752		782-4996
Bernilla Seciwa	Fire Clerk	505	782-4458 Ext.165		782-2991

52c - BIA NAVAJO AREA NAVAJO AREA OFFICE AND DISPATCHERS May 89

NAME	POSITION	AREA CODE	OFFICE TELEPHONE			RESIDENCE TELEPHONE
			COMM	EXT	FTS	
Bill Watchman	Dispatcher	602	729-2307		479-7230	729-2473
Jack Kyselka	Area Forester	602	871-5151	5323	479-5323	729-5146
Carlos Yazzie	AsstAgcyProtnOff	602	729-2307		479-7230	729-5384
Jonah Bizardi	Fuels Management	602	729-2307		479-7230	

52.1a - BIA Phoenix Area Office

May 89

MAILING ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 10	Phoenix	AZ	85001

NIGHT / 24-HOUR NUMBERS COMM: (602) 241-2287 FTS: 261-2287	UNIT DESIGNATOR PAA	OFFICE NUMBER COMM: (602) 241-2287/2288 FTS: 261-2287/2288
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (602) 253-7027

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	 FTS	RESIDENCE COMMERCIAL
John Philbin	Area Forester	602 241-2287	261-2287	602 264-0770
Arch Wels	Forester F.D.	602 241-2288	261-2288	602 285-1436
Robert Bizal	Forester T.S.'A.	602 241-2287	261-2287	602 893-8508
Henry Rawling	Fire Mgmt. Officer	602 241-2288	261-2288	602 992-7210

52.1b - BIA Colorado River Agency, Branch of Forestry

NOV 88

MAILING ADDRESS	CITY	STATE	ZIP CODE
Rt. 1 Box 9-C	Parker	AZ	85344

NIGHT / 24-HOUR NUMBERS COMM: ( )	UNIT DESIGNATOR CRA	OFFICE NUMBER COMM: (602) 669-6121 FTS:
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (602) 569-5467

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL		RESIDENCE COMMERCIAL
Peter Overton	Assistant Fire Management Officer	602 669-6121	Ext 224	602 669-5327
Bart Bennion	Fire Mgmt. Officer	602 669-6121	Ext 215	
Rodney McVey	Agency Fire Chief	602 669-6121	Ext 240	602 669-8868

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52.1c - BIA Fort Apache Agency, Branch of Forestry

NOV 88

MAILING ADDRESS P.O. Box 560	CITY Whiteriver	STATE AZ	ZIP CODE 85941

OFFICE NUMBER COMM:(602) 338-4337	UNIT DESIGNATOR FTA	DISPATCH NUMBER COMM: (602) 338-4741 (602) 338-4711
PRIMARY AGENCY FREQUENCY 172:675		TELEVAX DIRECTORY COMM: (602) 338-4726

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	RESIDENCE COMMERCIAL
Guy Massey	Dispatcher	602 338-4337	602 338-4864
Robert Vatsha	Asst.Dispatcher	602 338-4337	602 338-4272
Ken Butler	Fire Mgmt. Officer	602 338-4336	602 367-3244
George Leech	Training Officer	602 338-4336	602 369-1064
Benrita Burnette	Relief Dispatch	602 338-4337	602 338-4279
Floyd Dosela	Air Service Manager	602 338-4336	602 338-4985

52.1d - BIA Fort Yuma Agency, Branch of Forestry

May 89

MAILING ADDRESS P.O. Box 1591	CITY Yuma	STATE AZ	ZIP CODE 85364

	UNIT DESIGNATOR FYA	OFFICE NUMBER COMM: (602) 572-0248
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (619) 572-0248

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	RESIDENCE COMMERCIAL
Joseph Jackson	Fire Mgmt. Officer	619 572-0248	619 572-0691
Cyrus Groves	Admin. Manager	619 572-0248	602 783-0364
Terry Long	Dispatcher	602 726-6300	
Boyd Hill	Engine Foreman	619 527-0248	
Bill Poytt	Asst. Eng. Foreman	619 527-0248	602 627-3432

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

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52.1e - BIA Hopi Agency, Branch of Forestry NOV 88

MAILING ADDRESS P.O. Box 158	CITY Keams Canyon	STATE AZ	ZIP CODE 85247

	UNIT DESIGNATOR HOA	OFFICE NUMBER COMM: (602) 738-2225
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (602) 738-5187

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL		RESIDENCE COMMERCIAL	
Pat Williams	Fire Mgmt. Officer	602	738-2229	602	526-8533
Bob Carolin	Land Operations Officer	602	738-2225/2226	602	526-8805

52.1f - BIA Papago Agency Branch of Forestry May 89

MAILING ADDRESS P.O. Box 578	CITY Sells	STATE AZ	ZIP CODE 85634

	UNIT DESIGNATOR PPA	OFFICE NUMBER COMM: (602) 383-3286
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (602) 383-2346

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL		RESIDENCE COMMERCIAL	
Charles Sullivan	Fire Mgmt. Officer	602	383-3278/3277	602	746-1359
Ernie Hearn	Land Operations Officer	602	383-3224	602	624-3133
Bennie Reino	Fire Foreman	602	383-3361	602	385-2659
Richard Harvey	Asst. Foreman	602	383-3278	602	383-2802

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52.1g - BIA Pima Agency, Branch of Forestry May 89

MAILING ADDRESS P.O. Box 8	CITY Sacaton	STATE AZ	ZIP CODE 85247

TELEFAX DIRECTORY COMM: (602) 786-9101	UNIT DESIGNATOR PMA	OFFICE NUMBER COMM: (602) 562-3372

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL		RESIDENCE COMMERCIAL	
Darrell McClellan	Land Operations Officer	602	562-3372	602	844-7596
Daniel Lewis	Equipment Foreman	602	562-3532	602	562-3762

52.1h - BIA San Carlos Agency, Branch of Forestry May 89

MAILING ADDRESS P.O. Box 209	CITY San Carlos	STATE AZ	ZIP CODE 85550

	UNIT DESIGNATOR SCA	OFFICE NUMBER COMM: (602) 475-2729
PRIMARY AGENCY FREQUENCY 172.475		TELEFAX DIRECTORY COMM: (602) 475-2484

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL		RESIDENCE COMMERCIAL	
Wilbur Belvado	Fire Mgmt. Officer	602	475-2326	602	475-9023
Ed Dwan	Forest Manager	602	475-2729	602	425-0359
Norbert Pechuli	Dispatcher	602	475-2729	602	475-2621
Orville Victor	Asst.Dispatcher	602	475-2729		
Garrold Newman	Zone Manager	602	475-2387	602	475-2221
Bernard Gates	Warehouse Manager	602	475-2387	602	475-2884
Gene Sehongva	Warehouseman	602	475-2387	602	475-2545
Ernie Manuelito	Admin. Officer	602	475-2321	602	475-2669
Allen Anspach	Superintendent	602	475-2321	602	475-0507
Vivie Astor	Time/Compensation	602	475-2387	602	475-2739
Orville Pahe	Fuels Manager	602	475-2387	602	475-2474
Tribal Police Department		602	475-2311		

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52.1i - BIA Truxton Canyon, Branch of Forestry May 89

MAILING ADDRESS P.O. Box 3791	CITY Valentine	STATE AZ	ZIP CODE 86437

ANSWERING SERVICE COMM: (602) 769-2279	UNIT DESIGNATOR **TCA**	OFFICE NUMBER COMM: (602) 769-2279
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (602) 769-2326

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	RESIDENCE COMMERCIAL
Willie Begay	Supervisory Forester	602 769-2279	602 757-5911
Rupert Steele	Dispatcher	602 769-2270	602 769-2396
Ronnie Quasula	Fire Mgmt Officer	602 769-2270	
Hualapi Tribal Police		602 769-2220/2345	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52.2a - BIA Albuquerque Area Office May 89

MAILING ADDRESS P.O. Box 26567	CITY Albuquerque	STATE NM	ZIP CODE 87125

NIGHT / 24-HOUR NUMBERS COMM: ( )	UNIT DESIGNATOR AAA	OFFICE NUMBER COMM: (505) 766-3150 FTS: 474-3150
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (505) 766-2666 FTS: 474-2666

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
Fernando Abeita	Fire Mgmt Officer	505 766-2992	474-3150	505 869-2890
Steve Haglund	Area Forester	505 766-2991	474-3150	*505 831-6922
C.J. Bryan	Natural Resources	505 766-3335	474-3150	505 823-9846
Fred Roggie	Forest Development	505 766-3060	474-3150	*505 821-4491

* = unlisted number, do not give out

52.2b - BIA Jicarilla Agency, Branch of Forestry May 89

MAILING ADDRESS P.O. Box 167	CITY Dulce	STATE NM	ZIP CODE 87528

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR JIA	OFFICE NUMBER COMM: (505) 759-3624
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (505) 759-3548

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
Carl Romnes	Fire Mgmt Officer	505 759-3463		505 759-3053
Marvin Olson	Agency Forester	505 759-3661		505 759-3539
Tom Lefthand	Assistant FMO	505 759-3661		505 759-3089
Bernie Ryan	Timber Mgmt.	505 759-3661		505 759-3336
Steve Thomas	Forest Development	505 759-3661		505 759-3569
Bill Muniz		505 759-3661		505 759-3381

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52.2c - BIA Laguna Agency, Branch of Forestry May 89

MAILING ADDRESS P.O. Box 1448	CITY Laguna	STATE NM	ZIP CODE 87026

NIGHT / 24-HOUR NUMBERS COMM: (505) 552-6685	UNIT DESIGNATOR LAA	OFFICE NUMBER COMM: (505) 243-4467 COMM: (505) 552-6001
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (505) 552-7497

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	RESIDENCE COMMERCIAL
Calvin Pino	Fire Mgmt. Officer	505 243-4467 or 552-6001	505 552-6179
Dan Carr	Natural Resource Manager	505 243-4467 or 552-6001	505 552-9695
Betty Billman	Fire Clerk	505 243-4467	505 552-9775
Tribal Police		505 552-6685	

52.2d - BIA Mescalero Agency, Branch of Forestry May 89

MAILING ADDRESS Box 189	CITY Mescalero	STATE NM	ZIP CODE 88340

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR MEA	OFFICE NUMBER COMM: (505) 671-4419
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (505) 671-4601

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Raymond Kirgan	Fire Logistics	505 671-4419		505 671-4569
Larry Schmidt	Agency Forester	505 671-4410		505 257-2629
Cornel Cervantes	Fire Plans and Operations	505 671-4419		
Leland Pellman	Dispatcher	505 671-4419		505 671-4507
Steve Rowe	Crew Superintendent	505 671-4419		505 257-2047

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52.2e - BIA Northern Pueblos Agency, Branch of Forestry May 89

MAILING ADDRESS 1570 Pacheco Road	CITY Santa Fe	STATE NM	ZIP CODE 87504

NIGHT / 24-HOUR NUMBERS COMM: ( )	UNIT DESIGNATOR NPA	OFFICE NUMBER COMM: (505) 988-6149 COMM: (505) 988-6561
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (505) 988-6437 FTS:

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE	RESIDENCE
NAME	POSITION	COMMERCIAL	COMMERCIAL
David Nicol	Fire Mgmt Officer	505 988-6149	505 438-0612
Ruben Romero	Assistant FMO	505 758-4139	505 758-1810
Christ Tootell	Agency Forester	505 988-6561	505 983-2691
Boyd Lebeda	Forester	505 988-6561	505 473-3989
Faye Medina	Secretary	505 988-6561	

52.2f - BIA Ramah Agency, Branch of Forestry May 89

MAILING ADDRESS General Delivery	CITY Ramah	STATE NM	ZIP CODE 87321

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR RNA	OFFICE NUMBER COMM: (505) 775-3235
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (505) 775-3387

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
Vance Yazzie	Fire Mgmt. Officer	505 775-3264		505 775-3330
Richard Evans	Superintendent	505 775-3235		505 783-4220
	Agency Forester	505 775-3235		505
Marianna Begay	Admin. Technician	505 775-3235		505 775-3393
Tribal Police		505 775-3223		
Arabelle Martinez		505 775-3236		505 775-3347

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52.2g - BIA Southern Pueblos Agency, Branch of Forestry

May 89

MAILING ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 1667	Albuquerque	NM	87103

	UNIT DESIGNATOR SPA	OFFICE NUMBER COMM: (505) 766-2505 FTS: 474-2505
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (505) 243-7004

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE	RESIDENCE
NAME	POSITION	COMMERCIAL	COMMERCIAL
Eddie Lente	Fire Mgmt Officer	505 766-2505	505 869-6102
Dave Mouer	Dispatcher	505 275-5237	505 263-2499
Russ Koch	Forest Manager	505 766-2505	505 869-6956
Sam Montoya	Superintendant	505 766-3043	505 867-2547
Vince Toya	Asst.Fire Mgmt.Off.	505 766-2505	505 834-7521

52.2h - BIA Southern Ute Agency, Branch of Forestry

May 89

MAILING ADDRESS	CITY	STATE	ZIP CODE
Box 315	Ignacio	NM	81137

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR SUA	OFFICE NUMBER COMM: (303) 563-4571
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (303) 563-9321

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
Sylvian Valdez	Fire Mgmt. Officer	303 563-4571		303 884-9433
Tony Recker	Forest Manager	303 563-4571		303 563-9393
Stuart Herrrera	Forestry Technician	303 563-4571		303 563-9542
Tribal Police (24 hour)		303 563-4401		

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

May 89

52.2i - BIA Ute Mountain Agency, Branch of Forestry

MAILING ADDRESS General Delivery	CITY Towaoc	STATE Co.	ZIP CODE 81334

NIGHT / 24-HOUR NUMBERS COMM: ( )	UNIT DESIGNATOR UMA	OFFICE NUMBER COMM: (303 565-8471 FTS: (303) 565-8471
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (303) 565-8906

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	RESIDENCE COMMERCIAL
	Range Management	303 565-8471	303
	Natural Resources	303 565-8471	303
Dorrance Steele	Superintendent	303 565-8471	303 565-4239
Tribal Police (24 hour)		303 565-4107	

May 89

52.2j - BIA Zuni Agency, Branch of Forestry

MAILING ADDRESS P.O.Box 369	CITY Zuni.	STATE NM	ZIP CODE 87327

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR ZUA	OFFICE NUMBER COMM: (505) 782-2660
PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY COMM: (505) 782-5715

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	RESIDENCE COMMERCIAL
Roger Jensen	Agency Forester	505 782-2660 505 782-4453 Ext 167	782-2837
Harry Johnson	Forestry Technician	505 782-4752	782-4996
Bernilla Seciwa	Fire Clerk	505 782-4458 Ext.165	782-2991
Marlinda Weekety	Nat.Resources Sec.	505 782-4481 Ext.165	782-2278
Rose Quam	Superintendent Sec.	505 782-4453 Ext 165	782-2868
H. B. Simpson	Superintendent	505 782-4458 Ext.191	783-4369
Joseph Peynetsa	Adminstrative Off.	505 782-4458 Ext.190	782-4830
Tribal Police (24 hour)		505 782-4493	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

52.3 - BIA NAVAJO AREA, BRANCH OF FORESTRY

May 89

ADDRESS	CITY	STATE	ZIP CODE
P.O. Box M	Window Rock	AZ	86515

ANSWERING SERVICE	UNIT DESIGNATOR	DISPATCHER
COMM: (602) 729-2307 FTS: 479-7230	NAA	COMM: (602) 729-2307 FTS : 479-7230

PRIMARY AGENCY FREQUENCY		TELEFAX DIRECTORY
		COMM: (602) 729-5041 FTS: 479-5122

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMM	EXT	FTS	RESIDENCE TELEPHONE
Jack Kyselka	Area Forester	602	871-5151	5323	479-5323	729-5146
Bill Watchman	Dispatcher	602	729-2307		479-7230	729-2473
Paul Sedillo	Agency Protection Officer	602	729-2307		479-7230	729-2757
Carlos Yazzie	Assistant Agency Protection Officer	602	729-2307		479-7230	729-5384
Jim Carter	Asst. Area Forester	602	729-2307		479-7230	871-5362
Jonah Bizardi	Fuels Management	602	729-2307		479-7230	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

53 - BLM Arizona and New Mexico State and District Dispatchers MAY 89

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Arizona State Office	(ASO)				
	Logistics	602	241-5538	261-5538	
Susan Burger	Dispatcher	602	241-5538	261-5538	948-6455
Mike Fisher	Fire Specialist	602	241-5539	261-5539	841-4278
	State FMO	602	241-5539	261-5539	
Arizona Strip District	(ASD)				
Kristine Kaspari	Lead Dispatcher	801	673-3545		772-3925
Jerry Empey	Dispatcher	801	673-3545		673-3885
Carl Gossard	District FMO	801	673-3545		628-4815
Phoenix District	(PHD)				
Vicky Jensen	Dispatcher	602	863-4464	764-0501	995-1582
Glen Joki	District FMO	602	863-4464	764-0501	486-8923
David Boyd	FCO	602	863-4464	764-0501	492-1677
Safford District	(SAD)				
Dave Hall	Lead Dispatcher	602	428-4040		428-5498
Al Alvarez	District FMO	602	428-4040		428-7896
Yuma District	(YUD)				
	Dispatcher	602	726-6300	764-6612	
Gary Foreman	District FMO	602	726-6300	764-6612	
New Mexico State Office	(NSO)				
John Selkirk	Dispatcher	505	988-6203	476-6204	
Jim Glenn	Ass't State FMO	505	988-6204	476-6204	
Ron Dunton	State FMO	505	988-6204	476-6204	471-7352
Cyrdie Hogg	Dispatcher	505	842-3473	476-3473	269-1825
Albuquerque District	(ABD)				
Tom Chavez	District FMO	505	761-4502	474-4502	873-1143
		Pager	764-7909 (digital)		
Dale Miracle	Asst. FMO	505	761-4541	474-4541	839-7452
		Pager	764-7777 (digital)		
Las Cruces District	(LCD)				
Lori Hildebrand	Dispatcher	505	538-5372		388-4934
Dusty Voss	District FMO	505	525-1171	571-8312	522-5206
Rick Watts	Operations	505	525-1171	571-8312	525-0679
Roswell District	(ROD)				
	District FMO	505	622-9042	572-0272	
Tim Kreager	Resources	505	622-9042	572-0272	623-6989

53.1a - BLM Arizona State Office

MAY 89

MAILING ADDRESS P.O. Box 16563 (940)	CITY Phoenix	STATE AZ	ZIP CODE 85001-65463

CELLULAR PHONE COMM: (602) 370-2532	PAGERS 602 392-4890 S.Burger 602 392-4858 M.Fisher 602 389-7233	DISPATCHER COMM: (602) 241-5538 FTS: 261-5538
FAX COMM: (602) 241-5556 FTS: 261-5556	UNIT DESIGNATOR ASO	DG MAILING ADDRESS USFS DG: AZ940:IAMS IAMS EMS AZ940

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
	Logistics	602	241-5538	261-5538	
Susan Burger	Dispatcher	602	241-5538	261-5538	948-6455
Mike Fisher	Fire Specialist	602	241-5539	261-5539	841-4278
	State FMO	602	241-5539	261-5539	878-2648

53.1b - BLM Arizona Strip District

MAY 89

MAILING ADDRESS 390 North 3050 East	CITY St. George	STATE UT	ZIP CODE 84770

ANSWERING SERVICE COMM: FTS:		DISPATCHER COMM: (801) 673-3545 FTS:
FAX (Manual) COMM: (801) 673-3545 Ext. 239	UNIT DESIGNATOR ASD	DG MAILING ADDRESS USFS DG: AZ010:IAMS IAMS EMS AZ010

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
Carl Gossard	District FMO	801	673-3545		628-4815
Bryan Bracken	FCO	801	673-3545		673-5702
Kristine Kaspari	Lead Dispatcher	801	673-3545		772-3925
Jerry Empey	Dispatcher	602	241-5539	261-5539	878-2648

53.1c - BLM Phoenix District

MAY 89

MAILING ADDRESS 2015 w. Deer Valley Rd.	CITY Phoenix	STATE AZ	ZIP CODE 85027

ANSWERING SERVICE COMM: FTS:		DISPATCHER COMM: (602) 863-4464 FTS: 764-0501
FAX COMM: (602) 581-9535 FTS: 261-5556	UNIT DESIGNATOR PHD	DG MAILING ADDRESS USFS DG: AZ020:IAMS IAMS EMS AZ020

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
Glen Joki	District FMO	602	863-4464	764-0501	486-8923
David Boyd	FCO	602	863-4464	764-0501	492-1677
Vicky Jensen	Dispatcher	602	241-5539	261-5539	841-4278

53.1d - BLM Safford District

MAY 89

MAILING ADDRESS 425 E. Fourth Street	CITY Safford	STATE AZ	ZIP CODE 85546

ANSWERING SERVICE COMM: FTS:		DISPATCHER COMM: (602) 428-4040 FTS:
FAX COMM: (602) 428-4040 Ext. 224 FTS: 762-6384	UNIT DESIGNATOR SAD	DG MAILING ADDRESS USPS DG: AZ040:IAMS IAMS EMS AZ040

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
Al Alvarez	District FMO	602	428-4040		428-7896
Dave Hall	Lead Dispatcher	602	428-4040		428-5498

53.1e - BLM Yuma District

MAY 89

MAILING ADDRESS P.O. Box 5680 (3150 Winsor Ave)	CITY Yuma	STATE AZ	ZIP CODE 85364

ANSWERING SERVICE COMM: FTS:		DISPATCHER COMM: (602) 726-6300 FTS: 764-6612
FAX COMM: (602) 726-6300 Ext. 250	UNIT DESIGNATOR YUD	DG MAILING ADDRESS USFS DG: AZ050:IAMS IAMS EMS AZ050

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Gary Foreman	District FMO	602	726-6300	764-6612	
	Lead Dispatcher	602	726-6300	764-6612	

53.2a - BLM New Mexico State Office MAY 89

MAILING ADDRESS P.O. Box 1449 (NM-941) (1474 Rodeo Road)	**CITY** Santa Fe	**STATE** NM	**ZIP CODE** 87504-1449

ANSWERING SERVICE COMM: (505) 988-6203 FTS: 476-6203		**DISPATCHER** COMM: (505) 988-6203 FTS: 476-6203
FAX COMM: (505) 988-6267 FTS: 476-6267	**UNIT DESIGNATOR** NSO	**DG MAILING ADDRESS** USPS DG: NM941:IAMS IAMS EMS NM941

NAME	**POSITION**	**AREA CODE**	**OFFICE TELEPHONE**		**RESIDENCE TELEPHONE**
			COMMERCIAL	**FTS**	
John Selkirk	Dispatcher	505	988-6203	476-6204	
Jim Glenn	Ass't State FMO	505	988-6204	476-6204	
Ron Dunton	State FMO	505	988-6204	476-6204	471-7352
Cyndie Hogg	Dispatcher	505	842-3470	476-3470	269-1825 *758-9334

53.2b - Albuquerque District MAY 89

MAILING ADDRESS 435 Montano Rd NE	**CITY** Albuqerque	**STATE** NM	**ZIP CODE** 87107

ANSWERING SERVICE COMM: FTS:		**DISPATCHER** COMM: FTS:
FAX COMM: (505) 761-4611 FTS: 474-4611	**UNIT DESIGNATOR** ABD	**DG MAILING ADDRESS** USPS DG: NM013:IAMS IAMS EMS NM013

NAME	**POSITION**	**AREA CODE**	**OFFICE TELEPHONE**		**RESIDENCE TELEPHONE**
			COMMERCIAL	**FTS**	
Tom Chavez	District FMO	505	761-4502	474-4502	873-1143
		Pager	764-7909 (digital)		
Dale Miracle	Asst. FMO	505	761-4541	474-4541	839-7452
		Pager	764-7777 (digital)		

53.2c - Las Cruces District MAY 89

MAILING ADDRESS 1800 Marquess	CITY Las Cruces	STATE NM	ZIP CODE 88005-1420

ANSWERING SERVICE COMM: FTS:		DISPATCHER COMM: FTS:
FAX COMM: (505) 525-8228 FTS: 571-8312	UNIT DESIGNATOR LCD	DG MAILING ADDRESS USFS DG: NM033:IAMS IAMS EMS NM033

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
Dusty Voss	District FMO	505	525-1171	571-8312	522-5206
Rick Watts	Operations	505	525-1171	571-8312	525-0679
Lori Hildebrand	Dispatcher	505	538-5372		388-4934

53.2d - Roswell District MAY 89

MAILING ADDRESS P.O. Box 1397	CITY Roswell	STATE NM	ZIP CODE 88202-1397

ANSWERING SERVICE COMM: FTS:		DISPATCHER COMM: FTS:
FAX COMM: (505) 622-9042 FTS: 572-0272	UNIT DESIGNATOR ROD	DG MAILING ADDRESS USFS DG: NM063:IAMS IAMS EMS NM063

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
	District FMO	505	622-9042	572-0272	
Tim Kreager	Resource	505	622-9042	572-0272	623-6989
Carlsbad Resource Area					
Ed Singleton	Range	505	887-6544 (24 hr.)		
Don Ashby		505	887-6544 (24 hr.)		
Don Peterson		505	887-6544 (24 hr.)		

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
APACHE-SITGREAVES NATIONAL FOREST					
Rocky Gardom	Forest Dispatcher	602	333-2347		333-4209
Georgia Morris	Relief Dispatcher	602	333-4417		333-2877
John Thompson	Asst Forest FMO	602	333-4417		333-2328
Jack Wade	Fire Staff Officer	602	333-4301		333-4790
COCONINO NATIONAL FOREST					
Amos Coochyouma	Forest Dispatcher	602	527-7419	765-7419	774-1675
	Ass't Forest Disp.	602	527-7420	765-7420	
Beale Monday	Ass't Forest FMO	602	527-7348	765-7348	
Larry Whelan	Fire Staff Officer	602	527-7421	765-7421	526-6257
CORONADO NATIONAL FOREST					
Howard Jones	Forest Dispatcher	602	629-6432	762-6432	326-5967
	Ass't Forest Disp.	602	629-6432	762-6432	
Larry Tuck	Relief Dispatcher	602	629-6432	762-6432	298-3066
John Roberts	Fire Staff Officer	602	629-6487	762-6487	297-4061
KAIBAB NATIONAL FOREST					
George Kleindienst	Forest Dispatcher	602	635-2601		635-4321
Bob Richardson	Ass't Forest Disp.	602	635-2602		526-4468
Gary Loving	Ass't Fire Staff	602	635-2681		635-4718
"Doc" Smith	Fire Staff Officer	602	635-2681		774-4740
PRESCOTT NATIONAL FOREST					
Cathie McClung	Forest Dispatcher	602	445-4331	*761-3191	445-0882
Tom Tobin	Ass't Forest Disp.	602	445-4331	*761-3191	
Bill Bird	Relief Dispatcher	602	445-4331	*761-3191	445-1474
Ed Hollenshead	Ass't Fire Staff	602-445-1762		*761-3191	775-5987
Dewayne Morgan	Fire Staff Officer	602	445-1762	*761-3191	636-2609
			*FTS avail. Mon. thru Fri. only		
TONTO NATIONAL FOREST					
Tim Bos	Forest Dispatcher	602	225-5351		997-6335
Dick Bauer	Ass't Forest Disp.	602	225-5352		225-9282
John Chavez	Relief Dispatcher	602	225-5353		234-3093
Bob Wagenfehr	Fire Staff Officer	602	225-5240		931-6471
MARANA FIRE CACHE					
Frank Palmer	Cache Manager	602	629-6574	762-6574	297-4903
Richard Triemert	Ass't Cache Manager	602	629-6574	762-6574	682-3195
Peggy McCool	Warehouse				682-7233
ARIZONA STATE FORESTRY					
Pat Cirincione	Dispatcher	602	255-4050		942-8631
Dale Brown	Dispatcher	602	255-4059		582-4519
Dave Behrens	Fire Mgmt. Officer	602	255-4059		973-9460

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
SOUTHWEST INTERAGENCY COORDINATION CENTER					
John Burton	Area Coordinator	505	842-	476-	897-2890
Dick Ghoslin	Ass't Area Coordinator	505	842-	476-	293-4262
Joe Hydock	Dispatcher	505	842-	476-	897-4425
Tom Eddy	Dispatcher	505	842-	476-	298-7257
CARSON NATIONAL FOREST					
George Devis	Forest Dispatcher	505	758-6208		758-3369
Armando Fernandez	Ass't Forest Disp	505	758-6209		758-2114
Carmen Garcia	Ass't Forest Disp	505	758-6208		758-1846
Mark Trujillo	Ass't Forest FMO	505	758-6307		758-1739
Stet Edmunds	Fire Staff Officer	505	758-6240		776-2464
CIBOLA NATIONAL FOREST					
	Forest Dispatcher	505	275-5215	474-5215	
	Ass't Forest Disp.	505	275-5215	474-5215	
Roy Carson	Fire Staff Officer	505	275-5207	474-5207	869-3143
GILA NATIONAL FOREST					
George Ewan	Forest Dispatcher	505	538-5372		538-5688
Harry Phillips	Ass't Forest Disp.	505	538-5371		538-9777
Willie Zapata	Relief Dispatcher	505	538-5371		537-6208
Steve Servis	Fire Staff Officer	505	538-8350		538-9331
LINCOLN NATIONAL FOREST					
Bob Pena	Forest Dispatcher	505	437-5147		434-5428
	Ass't Forest Disp.				
John House	Relief Dispatcher	505	437-2286		437-3234
Tom Taylor	Tanker Base Manager	505	437-2286		437-9813
Billy Leonard	Fire Staff Officer	505	437-6030		687-3308
SANTA FE NATIONAL FOREST					
Mike Moomey	Forest Dispatcher	505	988-6900	476-1900	473-5593
John Romero	Ass't Forest Disp.	505	988-6900	476-1900	757-6405
Kim Leo	Relief Dispatcher	505	988-6940	476-1900	473-2293
Cathy Vancamp	Relief Dispatcher	505	988-6940	476-1900	438-0107
Les Buchanan	Ass't Fire Staff	505	988-6904	476-1904	471-3492
Ray Page	Fire Staff Officer	505	988-6944	476-1944	473-1400
SILVER CITY FIRE CACHE					
John Miller	Cache Manager	505	538-5611		538-2115
Rance Irwin	Ass't Cache Manager	505	538-5611		388-2918
NEW MEXICO STATE FORESTRY					
Nancy Neskauskas	Dispatcher/Fire Staff	505	827-8080	476-1900	983-3232
Frank Smith	Fire Mgmt. Officer	505	827-5838		983-6675

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

ADDRESS	CITY	STATE	ZIP CODE
517 Gold Avenue SW	Albuquerque	NM	87102-0084

24 HOUR NUMBER	PAGER	DISPATCHER
COMM: (505) 842-3473	A&FM STAFF (505) 843-3700	COMM: (505) 842-3473
FTS: 476-3473	AIR UNIT (505) 843-5810	FTS: 476-3473

FAX	UNIT DESIGNATOR	DG MAILING ADDRESS
COMM: (505) 842-3800	R03	AFM:R03A
FTS: 476-3800		DISPR03:R03A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	HOME CTC TELEPHONE
Jimmie Hickman	Director, A & FM	505	842-3350	476-3350	292-6502
Chuck Jourden	Ass't Director	505	842-3351	476-3351	275-9003
Bill Russell	Ass't Director	505	842-3353	476-3353	296-3500
Dan Winner	Ass't Director	505	842-3352	476-3352	892-7734
Walt Sixkiller	BIA Ass't Director	505	842-3468	476-3468	891-7836
Bill Chapel	Ass't Director	505	842-3465	476-3468	
John Burton	Coordinator	505	842-	476-	897-2890
Dick Ghoslin	Asst Coordinator	505	842-	476-	293-4262
Joe Hydock	Dispatcher	505	842-	476-	897-4425
Tom Eddy	Dispatcher	505	842-	476-	298-7257
Dave Nelson	Regional Aviation Officer	505	842-3354	476-3354	298-2994
Bill Allred	Pilot	505	842-3357	476-3357	831-0123
Henry Kim	Pilot	505	842-3355	476-3355	294-6179
George Twohy	Pilot	505	842-3356	476-3356	
Tom Woodworth	Pilot	505	842-3358	476-3358	*256-5354 *(pager)
Mike Rotonda	Helicopter Specialist	505	842-3359	476-3359	281-1365
Asher Williams	Aircraft Maint. Specialist	505	842-3466	476-3466	296-9195
SECRETARY		505	842-3460	476-3460	
Tom Schmeckpeper	Regional Disaster Coordinator	505	842-3308	476-3308	884-8663
Ken Bowman	State Representative	505	842-3422	476-3422	821-2052

54.1 (continued) MAY 89

Cellular Telephones (Portable)

Jim Hickman	(505) 263-0462
Bill Russell	(505) 263-0774
John Burton	(505) 263-0461
Joe Hydock	(505) 263-0463
Tom Eddy	(505) 263-0465 (505) 263-0464
Rick Willis	(505) 263-0460

Pagers

Ken Bowman	(505) 843-3700
Henry Kim	(505) 843-5810
Bill Allred	(505) 843-5810
Dave Nelson	(505) 843-5810
Tom Woodworth	(505) 843-5810
George Twohy	(505) 843-5810
Asher Williams	(505) 843-5810
Mike Rotonda	(505) 843-5810
Jim McKim	(505) 843-5391

54.1a - MARANA FIRE CACHE

MAY 89

ADDRESS	CITY	STATE	ZIP CODE
Pinal Air Park	Marana	AZ	85238

DG MAILING ADDRESS	UNIT DESIGNATOR	CACHE MANAGER
CACHEMZJ:R03F05A	**MFC**	COMM: **(602) 629-6574** FTS: **762-6574**

FAX: **(602) 682-3218**

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Frank Palmer	Cache Manager	602	629-6574	762-6574	297-4903
Richard Triemert	Asst. Cache Mgr	602	629-6574	762-6574	682-3195
Peggy McCool					682-7233

54.1b - SILVER CITY FIRE CACHE

MAY 89

	CITY	STATE	ZIP CODE
MAILING ADDRESS P.O. Box 931	Hurley	NM	88043
STREET ADDRESS 158 Airport Road	Hurley	NM	88043

DG MAILING ADDRESS	UNIT DESIGNATOR	CACHE MANAGER
J.MILLER:R03F06A **R.IRWIN:R03F06A**	**SFC**	COMM: **(505) 538-5611**

FAX: **(505) 388-8355**

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
John Miller	Fire Cache Mgr.	505	538-5611		538-2115
Rance Irwin	Asst. Cache Mgr.	505	538-5611		388-2918

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.1c Apache-Sitgreaves National Forests (602) 333-4301 MAY 89

ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 640 South Mountain Ave, Highway 180	Springerville	AZ	85938

ANSWERING SERVICE	UNIT DESIGNATOR	DISPATCHER
COMM: (602) 333-4417	ASF	COMM: (602) 333-4417 COMM: (602) 333-2347

FAX	DG MAILING ADDRESS	TANKER BASE INFORMATION
COMM: (602) 333-5768	DISPATCH:R03F01A	Winslow Air Tanker Base (602) 289-2202

FOREST FREQUENCIES		HELICOPTER BASE
East Side 169.875 West Side 169.950		Hannagan Heliport (602) 339-4312

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	EXT	
Rocky Gardom	Forest Dispatcher	602	333-2347		333-4209
	Law Enforcement Off.		333-4301	353	
Georgia Morris	Relief Dispatcher	602	333-2347		333-2877
John Thompson	Assistant Fire .	602	333-4417		333-2328
	Management Off.	602	333-4301	352	
Jack Wade	Fire Staff and Law Enforcement Coordinator	602	333-4301	245	333-4790
Nick McDonough	Forest Supervisor	602	333-4301	201	
Doug Barber	Dep. Forest Supv.	602	333-4301		
ALPINE RD	**DG Address :R03F01D01A**				
Dean Berkey	**Ranger**	602	339-4384		
Gene McDorman	**Fire Mgmt. Officer**	602	339-4385		
CLIFTON RD	**DG Address :R03F01D03A**				
Clay Baxter	**Ranger**	602	865-4129		
Bobby Chavez	**Fire Mgmt. Officer**	602	865-4129		
CHEVELON RD	**DG Address :R03F01D04A**				
Don Wood	**Ranger**	602	289-2472		
Jim Melson	**Fire Mgmt. Officer**	602	289-2471		
HEBER RD	**DG Address :R03F01D05A**				
Steve Egline	**Ranger**	602	535-4481		
Bob Ridgeway	**Fire Mgmt. Officer**	602	535-4481		
SPRINGERVILLE RD	**DG Address :R03F01D06A**				
Charlie Denton	**Ranger**	602	333-4372		
Howard Carlson	**Fire Mgmt. Officer**	602	333-4372		
LAKESIDE RD	**DG Address :R03F01D07A**				
Ed Collins	**Ranger**	602	368-5111		
Paul Garcia	**Fire Mgmt. Officer**	602	368-5122		

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBERS

54.1d Carson National Forest (505) 758-6200 242-1759 NOV 88

ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 558 112 Cruz Alta Road	Taos	**NM**	87571

24 HOUR NUMBER	UNIT DESIGNATOR	DISPATCHER
DISPATCHER ON CALL	**CAF**	COMM: **(505) 758-6208** COMM: **(505) 758-6209**
FAX	DG MAILING ADDRESS	AIR PAGE NUMBERS
COMM: (505) 758-6207	**DISPATCH:R03F02A**	G.Devis 758-6184 A.Fernandez 758-6185
FOREST FREQUENCY		C.Garcia 758-6185
169.175		M.Trujillo 758-6186

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	RESIDENCE TELEPHONE
George Devis	Dispatcher	505 505	758-6208 758-6352	758-3369
Armando Fernandez	Ass't Forest Disp.	505	758-6209	758-9329 (mother) 758-2114
Carmen Garcia	Relief Dispatcher	505	758-6208 758-6292	758-1846
Mark Trujillo	Ass't Fire Staff	505	758-6307	758-1739
Stet Edmunds	Fire Staff	505	758-6240	776-2464
John Bedell	Forest Supervisor	505	758-6200	
CANJILON RD	**DG Address** :R03F02D01A			
Gene A. Onken	Ranger	505	684-2486	
Albert Martinez	Fire Mgmt. Officer	505	684-2486	
EL RITO RD	**DG Address** :R03F02D02A			
Stuart Buchanan	Ranger	505	581-4554	
Cornelio Lopez	Fire Mgmt. Officer	505	581-4554	
JICARILLA RD	**DG Address** :R03F02D03A			
Phil Settles	Ranger	505	326-2036	
Greg Valdez	Fire Mgmt. Officer	505	326-2036	
CAMINO REAL RD	**DG Address** :R03F02D04A			
Kent Dunstan	Ranger	505	758-8268	
Wilbert Archuleta	Fire Mgmt. Officer	505	587-2255	
TRES PIEDRAS RD	**DG Address** :R03F02D06A			
Eddie Alford	Ranger	505	758-8678	
Tom Chavez	Fire Mgmt. Officer	505	758-8678	
QUESTA RD	**DG Address** :R03F02D07A			
Ron Thibedeau	Ranger	505	586-0520	
Jerry Sanchez	Fire Mgmt. Officer	505	586-0520	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.1e Cibola National Forest (505) 275-5207 FTS 474-5207 NOV 88

ADDRESS	CITY	STATE	ZIP CODE
10308 Candelaria NE	Albuquerque	NM	87112

ANSWERING SERVICE COMM: (505) 275-5237 FTS: 474-5237	CELLULAR PHONE	DISPATCHER COMM: **(505) 275-5215** FTS : **474-5215**
FAX COMM: (505) 275-5238 FTS: 474-5238	UNIT DESIGNATOR **CIF**	TANKER BASE INFORMATION Albuquerque Tanker Base COMM: (505) 844-9370
FOREST FREQUENCY 171.450	DG MAILING ADDRESS **DISPATCH:R03F03A**	HELICOPTER BASE Gonzo (505) 281-2101

		AREA	OFFICE TELEPHONE		RESIDENCE
NAME	POSITION	CODE	COMMERCIAL	FTS	TELEPHONE
	Forest Dispatcher	505	275-5215 275-5237	474-5215 474-5237	
	Asst. Forest Disp	505	275-5215	474-5215	
Roy Carson	Fire Staff	505	275-5207	474-5207	869-3143
Phil Smith	Forest Supervisor	505	275-5207	474-5207	
MT. TAYLOR RD	**DG Address :R03F03D02A**				
John Caffrey	Ranger	505	287-8833	474-1905	
Mike Baca	Fire Mgmt Officer	505	287-8833	474-1906	
MAGDALENA RD	**DG Address :R03F03D03A**				
Allyn Wasser	Ranger	505	854-2281	474-1907	
Gary Benavidez	Fire Mgmt Officer	505	854-2381	474-1908	
MOUNTAINAIR RD	**DG Address :R03F03D04A**				
Susan Gray	Ranger	505	847-2990	474-1909	
Joe Perea	Fire Mgmt Officer	505	847-2982	474-1910	
SANDIA RD	**DG Address :R03F03D05A**				
Floyd Thompson	Ranger	505	281-3304	474-1911	
Paddy Ryan	Fire Mgmt Officer	505	281-3304	474-1912	
BLACK KETTLE NATIONAL GRASSLANDS (CHEYENNE OK) DG Address :R03F03A					
Mike Rising	Ranger	405	497-2143		
KIOWA NATIONAL GRASSLANDS (CLAYTON NM) DG Address :R03F03A					
Alton Bryant	Ranger	505	374-9652		
RITA BLANCA NATIONAL GRASSLANDS (TEXLINE TX) DG Address :R03F03A					
	Ranger	806	362-4254		

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.1f Coconino National Forest (602) 527-7400 FTS 765-7400 NOV 88

ADDRESS	CITY	STATE	ZIP CODE
2323 E. Greenlaw Lane	Flagstaff	AZ	86004

ANSWERING SERVICE
COMM: (602) 526-0600

* (602) 526-0600
* Emergency/After Hours

DISPATCHER
COMM: (602) 526-0600
FTS: 765-7419/7420

FAX
COMM: (602) 527-9419
FTS: 765-9419

UNIT DESIGNATOR
COF

PAGERS:

Amos	(602) 779-8971
Kristine	(602) 779-8970
Larry	(602) 779-8973
Beale	(602) 779-8974

FOREST FREQUENCY
171.550

DG MAILING ADDRESS
DISPATCH:R03F04A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Amos Coochyouma	Forest Dispatcher	602	527-7419 527-7420	765-7419 765-7420	774-1675
	Asst. Forest Disp.	602	527-7420	765-7420	
Beale Monday	Asst Forest FMO	602	527-7348	765-7348	
Larry Whelan	Fire Staff	602	527-7421	765-7421	526-6257
Neil R. Paulson	Forest Supervisor	602	527-7400	765-7400	
Al Defler	Dep. Forest Supv.	602	527-7400	765-7400	
BEAVER CREEK RD	**DG Address :R03F04D01A**				
Mike Howard	**Ranger**	602	567-4501		
Mike Reamer	**Fire Mgmt Officer**	602	567-4501		
ELDEN RD	**DG Address :R03F04D02A**				
Art Matthias	Ranger	602	527-8231		
Ron Melcher	Fire Mgmt Officer	602	526-0866		
FLAGSTAFF RD	**DG Address :R03F04D03A**				
Max Reid	Ranger	602	526-0866		
Jim Bedlion	Fire Mgmt Officer	602	527-8233		
LONG VALLEY RD	**DG Address :R03F04D04A**				
Sam Wolfskill	Ranger	602	774-7289	765-7371	
Van Bateman	Fire Mgmt Officer	602	354-2216	765-7371	
MORMON LAKE RD	**DG Address :R03F04D05A**				
Raymond King	Ranger	602	527-7474	765-7474	
Kent Rethlake	Fire Mgmt Officer	602	527-7474	765-7474	
SEDONA RD	**DG Address :R03F04D06A**				
Bob Gillies	Ranger	602	282-4119		
Ron Plapp	Fire Mgmt Officer	602	282-4119		
BLUE RIDGE RD	**DG Address :R03F04D07A**				
Steve Calish	Ranger	602	477-2255	765-7370	
Vernon Ely	Fire Mgmt Officer	602	477-2255	765-7370	

FROM FTS PHONES DIAL 8, AREA CODE AND 7 DIGIT COMMERCIAL NUMBER

54.1g Coronado National Forest (602) 629-6483 FTS 762-6483 MAY 89

ADDRESS	CITY	STATE	ZIP CODE
300 W. Congress	Tucson	AZ	85701

24 HOUR NUMBER
COMM: (602) 629-6432

UNIT DESIGNATOR
CNF

DISPATCHER
COMM: (602) 629-6432
FTS: 762-6432

PAGERS

Roberts	(602) 291-4830
Peterson	(602) 291-6705
Jones	(602) 291-6706

DG MAILING ADDRESS
DISPATCH:R03F05A

CELLULAR PHONES

H.Jones	(602) 349-7097
T.Peterson	(602) 349-7096
L.Tuck	(602) 349-2901
J.Roberts	(602) 349-4597

FAX
COMM: (602) 629-5058
FTS: 762-5058

HELICOPTER BASES
T.I.A. Heliport
(602) 629-6410
Rucker Heliport
(602) 824-3555

TANKER BASE INFORMATION
Fort Huachuca/Libby Field
(602) 538-2882
(602) 538-2884

FOREST FREQUENCY
169.600

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Howard Jones	Forest Dispatcher	602	629-6432	762-6432	326-5967
	Ass't Forest Disp.	602	629-6432	762-6432	
Larry Tuck	Relief Dispatcher	602	629-6432	762-6432	298-3066
John Roberts	Fire Staff	602	629-6487	762-6487	297-4061
Jim Abbott	Forest Supervisor	602	629-6483	762-6483	
DOUGLAS RD	**DG Address :R03F05D01A**				
Bud Brunner	**Ranger**	602	364-3468		
Ralph Valasco	**Fire Mgmt Officer**	602	364-3468		
NOGALES RD	**DG Address :R03F05D02A**				
Jerry Lockwood	**Ranger**	602	281-2296		
Del Randall	**Fire Mgmt Officer**	602	281-2296		
SIERRA VISTA RD	**DG Address :R03F05D03A**				
Jerry Deiter	**Ranger**	602	458-0530		
Terry Dyess	**Fire Mgmt Officer**	602	458-0530		
SAFFORD RD	**DG Address :R03F05D04A**				
Cecil Sims	**Ranger**	602	428-4150		
John Schulte	**Fire Mgmt Officer**	602	428-4150		
SANTA CATALINA RD	**DG Address :R03F05D05A**				
Steve Plevel	**Ranger**	602	749-8700		
Wayne Mangum	**Fire Mgmt Officer**	602	749-8700		

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.1h Gila National Forest (505) 388-8201 NOV 88

ADDRESS	CITY	STATE	ZIP CODE
2610 N. Silver Street	Silver City	NM	88061

ANSWERING SERVICE COMM: (505) 538-5371	PAGER: (505) 538-5376 Unit # 15 Ewan Unit # 17 Phillips	DISPATCHER COMM: (505) 538-5371 COMM: (505) 538-5372
FAX COMM: (505) 538-8359	UNIT DESIGNATOR **GNF**	Silver City Tanker Base Grant County Airport COMM: (505) 538-2702
FOREST FREQUENCIES North 169.975 South 169.175	DG MAILING ADDRESS **DISPATCH:R03F06A**	Silver City Fire Cache COMM: (505) 538-5611 Smokejumper Loft COMM: (505) 538-2821

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	RESIDENCE TELEPHONE
George Ewan	Forest Dispatcher	505	538-5372	538-5688
Harry Phillips	Asst. Dispatcher	505	538-5371	538-9777
Willie Zapata	Relief Dispatcher	505	538-5371	537-6208
Charlie Harsh	Tanker Base Manager	505	538-2702	538-2107
Steve Servis	Fire Staff	505	388-8350	538-9331
David Dahl	Forest Supervisor	505	388-8301	
Stephen Kelly	Dep. Forest Supv.	505	388-8303	
BLACK RANGE RD	**DG Address :R03F06D02A**			
Jim Paxon	Ranger	505	894-6677	
John Able	Fire Mgmt Officer	505	894-6677	
LUNA RD	**DG Address :R03F06D03A**			
Jerry Hibbetts	Ranger	505	547-2611	
Paul Orosco	Fire Mgmt Officer	505	547-2611	
GLENWOOD RD	**DG Address :R03F06D04A**			
Charles Sundt	Ranger	505	539-2481	
Bill Luera	Fire Mgmt Officer	505	539-2481	
MIMBRES RD	**DG Address :R03F06D05A**			
Gerry Engel	Ranger	505	536-2250	
Ralph Sepulveda	Fire Mgmt Officer	505	536-9611	
RESERVE RD	**DG Address :R03F06D06A**			
Mike Gardner	Ranger	505	533-6231	
Sam Bustamonte	Fire Mgmt Officer	505	533-6232	
SILVER CITY RD	**DG Address :R03F06D07A**			
Wayne Buckner	Ranger	505	538-2771	
Leray Dillon	Fire Mgmt Officer	505	538-5735	
WILDERNESS RD	**DG Address :R03F06D08A**			
Janet Hurley	Ranger	505	536-9461	
Lawrence Garcia	Fire Mgmt Officer	505	536-9344	
QUEMADO RD	**DG Address :R03F06D09A**			
Bob Leaverton	Ranger	505	773-4578	
Cliff Claridge	Fire Mgmt Officer	505	773-4678	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.1i Kaibab National Forest (602) 635-2681 MAY 89

ADDRESS	CITY	STATE	ZIP CODE
800 South 6th Street	Williams	AZ	86046

24 HOUR NUMBER COMM: (602) 635-2601	PAGER (Tone and Voice) (602) 779-8320 WMS PD (602) 635-4461	DISPATCHER COMM: (602) 635-2601 COMM: (602) 635-2602
FAX COMM: (602) 635-2728	UNIT DESIGNATOR **KNF**	TANKER BASE INFORMATION Grand Canyon Tanker Base COMM: (602) 638-2739
FOREST FREQUENCIES North 169.900 South 170.550	DG MAILING ADDRESS **DISPATCH:R03F07A**	HELICOPTER BASE Pitman Valley Heliport COMM: (602) 635-2487

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	EXT	
George Kleindienst	Forest Dispatcher	602	635-2601		635-4321
Bob Richardson	Asst. Forest Disp.	602	635-2602		526-4468
Lyle Riemer	Relief Dispatcher	602	635-2797	354	635-2766
Gary Loving	Asst. Forest FMO	602	635-2681	351	635-4718
H.B. "Doc" Smith	Fire Staff	602	635-2681	350	774-4740
Andy Lindquist	Forest Supervisor	602	635-2681	300	
Tom Carter	Dep. Forest Supr.	602	635-2681		
WILLIAMS RD	**DG Address :R03F07D01A**				
Pete Kahon	Ranger	602	635-2633		
Larry Anderson	Fire Mgmt Officer	602	635-2633		
CHALENDER RD	**DG Address :R03F07D02A**				
	Ranger	602	635-2676		
Edgar Brown	Fire Mgmt Officer	602	635-2676		
NORTH KAIBAB RD	**DG Address :R03F07D03A**				
Lawrence Michalsky	Ranger	602	643-7395		
Mark Baron	Fire Mgmt Officer	602	643-7395		
TUSAYAN RD	**DG Address :R03F07D04A**				
Tom Chacon	Ranger	602	638-2443		
Larry Barreras	Fire Mgmt Officer	602	638-2443		

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.1j Lincoln National Forest (505) 437-6030 **NOV 88**

ADDRESS	CITY	STATE	ZIP CODE
Federal Building, 11th and New York	Alamagordo	NM	88310

24 HOUR NUMBER
COMM: (505) 427-2286

DISPATCHER
COMM: **(505) 437-2286**
COMM: **(505) 437-5147**

FAX
COMM: (505) 437-7908

UNIT DESIGNATOR
LNF

TANKER BASE INFORMATION
Alamogordo
COMM: (505) 437-5147

FOREST FREQUENCY
169.125

DG MAILING ADDRESS
DISPATCH:R03F08A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE EXT	RESIDENCE TELEPHONE
Bob Pena	Forest Dispatcher	505	437-5147		434-5428
		505	437-6030	353	
	Assistant Dispatcher	505	437-6030	352	
John House	Relief Dispatcher	505	437-2286		437-3234
		505	437-6030	352	
Tom Taylor	Air Tanker Base	505	437-2286		437-9813
	Manager	505	437-6030	355	
	Asst. Forest FMO	505	437-2286 437-5147		
Bill Leonard	Fire Staff	505	437-6030	350	687-3308
Lee Poague	Forest Supervisor	505	437-6030		
Jeanine Derby	Dep. Forest Supv.				
SMOKEY BEAR RD	**DG Address :R03F08D01A**				
Steve Sams	Ranger	505	257-4095		
Steve Makowski	Fire Mgmt Officer	505	257-4096		
CLOUDCROFT RD	**DG Address :R03F08D02A**				
Max Goodwin	Ranger	505	682-2551		
Ted Kelley*	Fire Mgmt Officer				
GUADALUPE RD	**DG Address :R03F08D03A**				
Larry Sansom	Ranger	505	885-4181		
Ken McCollaum	Fire Mgmt Officer	505	981-2416		
MAYHILL RD	**DG Address :R03F08D04A**				
Norm Curran	Ranger	505	687-3411		
Ted Kelley*	Fire Mgmt Officer	505	687-3412		

*Zone FMO

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.1k Prescott National Forest (602) 445-1762 FTS 761-3191* MAY 89

ADDRESS	CITY	STATE	ZIP CODE
344 S. Cortez Street	Prescott	AZ	86303

ANSWERING SERVICE COMM: (602) 445-4331	PAGER: (direct voice) Dispatcher(602)778-8046 Ass't Disp(602)778-8047	DISPATCHER COMM: (602) 445-4331 FTS : *761-3191
FAX COMM: (602) 776-8258	UNIT DESIGNATOR PNF	AIR TANKER BASE AND HELICOPTER BASE INFORMATION
FOREST FREQUENCY 168.175	DG MAILING ADDRESS DISPATCH:R03F09A	Prescott Air Attack Base COMM: (602) 778-2712 COMM: (602) 778-2711

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Cathie McClung	Forest Dispatcher	602	445-4331	*761-3191	445-0882
Tom Tobin	Asst. Forest Disp.	602	445-4331	*761-3191	
Bill Bird	Relief Dispatcher	602	445-4331	*761-3191	445-1474
Ed Hollenshead	Asst. Fire Staff	602	445-1762	*761-3191	775-5987
Dewayne Morgan	Fire Staff	602	445-1762	*761-3191	636-2609
Coy Jemmett	Forest Supervisor	602	445-1762	*761-3191	
CHINO VALLEY RD	**DG Address :R03F09D01A**				
Emilio Lujan	**Ranger**	602	636-2302	*761-3191	
Bonde Eulberg	**Fire Mgmt Officer**	602	636-2302	Ext 101	
BRADSHAW RD	**DG Address :R03F09D03A**				
John Holt	**Ranger**	602	445-7253	*761-3191	
	Fire Mgmt Officer	602	445-5740	Ext 103	
VERDE RD	**DG Address :R03F09D05A**				
Tom Bonomo	**Ranger**	602	567-4121	*761-3191	
Leroy Wels	**Fire Mgmt Officer**	602	567-4121	Ext 105	

*** FTS AVAILABLE DURING REGULAR BUSINESS HOURS MONDAY THROUGH FRIDAY**

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBERS

54.1m Santa Fe National Forest (505) 988-6940 FTS 476-1940 NOV 88

ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 1689 1220 St. Francis Drive	Santa Fe	NM	87504

ANSWERING SERVICE COMM: (505)988-6900 **FTS: 476-1900**	UNIT DESIGNATOR **SNF**	DISPATCHER **COMM: (505) 988-6900** FTS: **476-1900**
FOREST FREQUENCY 172.300	FAX COMM: (505) 984-3182	DG MAILING ADDRESS **DISPSNF:R03F10A**

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Mike Moomey	Forest Dispatcher/ Law Enforcement	505	988-6900	476-1900	473-5593
John Romero	Asst Forest Disp.	505	988-6697	476-1697	757-6405
Kim Leo	Relief Dispatcher	505	988-6900	476-1900	473-2297
Cathy Vancamp	Relief Dispatcher	505	827-8080	476-1900	438-0107
Les Buchanon	Asst Forest FMO	505	988-6904	476-1904	471-3492
Ray Fage	Fire Staff	505	988-6944	476 1944	473-1400
Maynard Rost	Forest Supervisor	505	988-6905	476-1940	
"Ski" Milanowski	Dep. Forest Supr.	505	988-6905	476-1940	
COYOTE RD	**DG Address :R03F10D01A**				
Chuck Hagerdon	Ranger	505	638-5526	476-1999	
Leandro Valdez	Fire Mgmt Officer	505	638-5547	476-1999	
CUBA RD	**DG Address :R03F10D02A**				
Joe Sanchez	Ranger	505	289-3264	476-1997	
Ron Moody	Fire Mgmt Officer	505	289-3265	476-1997	
JEMEZ RD	**DG Address :R03F10D03A**				
Bud Stephenson	Ranger	505	829-3535	476-1998	
Gilbert Sandoval	Fire Mgmt Officer	505	829-3536	476-1998	
LAS VEGAS RD	**DG Address :R03F10D04A**				
Jim Montoya	Ranger	505	425-3534	476-1995	
Dave Quintana	Fire Mgmt Officer	505	425-3535	476-1995	
PECOS RD	**DG Address :R03F10D05A**				
Larry Roybal	Ranger	505	757-6121	476-1996	
Dave Quintana	Fire Mgmt Officer	505	757-6121	476-1996	
ESPANOLA RD	**DG Address :R03F10D06A**				
Lori Osterstock	Ranger	505	753-7331	476-1993	
Orlando Romero	Fire Mgmt Officer	505	988-6990	476-1990	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.1m Tonto National Forest (602) 225-5200 MAY 89

ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 5348	Phoenix	AZ	85010
2324 E. McDowell Rd.	Phoenix	AZ	85006

24 HOUR NUMBER COMM: (602) 225-5355	UNIT DESIGNATOR **TNF**	DISPATCHER **COMM: (602) 225-5355***
FAX COMM: (602) 225-5295 FTS: 768-5295	DG MAILING ADDRESS **DISPATCH:R03F12A**	TANKER BASE INFORMATION Coolidge Tanker Base COMM: (602) 723-7161
FOREST FREQUENCY 164.825		HELICOPTER BASE Payson Heliport COMM: (602) 474-3468

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Tim Bos	Forest Dispatcher	602	225-5351		997-6335
Dick Bauer	Asst. Forest Disp.	602	225-5352		225-9282
Johnny Chavez	Relief Dispatcher	602	225-5353		234-3093
Bob Wagenfehr	Fire Staff	602	225-5240		931-6471
Jim Kimball	Forest Supervisor	602	225-5200		
Chuck Wildes	Dep. Forest Supr.	602	225-5303		
CAVE CREEK RD	**DG Address :R03F12D01A**				
Johnny Wilson	Ranger	602	488-3441	261-4444	
Randy Cherington	Fire Mgmt Officer	602	488-3441	261-4444	
GLOBE RD	**DG Address :R03F12D02A**				
Larry Widner	Ranger	602	425-7189	261-4449	
Tom Holley	Fire Mgmt Officer	602	425-7189	261-4449	
MESA RD	**DG Address :R03F12D03A**				
Don Van Driel	Ranger	602	261-6446	261-6446	
Lyle Shaver	Fire Mgmt Officer	602	261-6446	261-6446	
PAYSON RD	**DG Address :R03F12D04A**				
Steve Gunzel	Ranger	602	474-2269	261-3327	
Pat Valasco	Fire Mgmt Officer	602	474-3883	261-6413	
PLEASANT VALLEY RD	**DG Address :R03F12D05A**				
Jim Soeth	Ranger	602	462-3311	261-4440	
Patrick Parker	Fire Mgmt Officer	602	462-3311	261-4440	
TONTO BASIN RD	**DG Address :R03F12D06A**				
Dennis Roy	Ranger	602	467-2236		
	Fire Mgmt Officer	602	467-2236		

* fire emergencies only

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.2 - Arizona State Land Department; Division of Forestry **NOV 88**

ADDRESS	CITY	STATE	ZIP CODE
State Fire Management Facility 2901 W. Pinnacle Peak Road	Phoenix	AZ	85027-1002

ANSWERING SERVICE COMM: (602) 255-4052	UNIT DESIGNATOR **AZS**	DISPATCHER COMM: (602) 255-4052
TELECOPIER/FACSIMILE COMM: 602 255-3838	DG ADDRESS **AZS:R03F12A**	

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMM	RESIDENCE TELEPHONE
Pat Cirincione	Dispatcher	602	255-4050	942-8631
Dale Brown	Dispatcher	602	255-4059	582-4519
Dave Behrens	Fire Mgmt. Officer	602	255-4059	973-9460

FLAGSTAFF DISTRICT 3650 Lake Mary Road, Flagstaff, AZ 86001

Al Hendricks	District Forester	602	774-1425
John Kraske	District FMO	602	774-1425

TUCSON DISTRICT 233 N. Main Avenue, Tucson, AZ 85701

Carl Jones	**District Forester**	602	628-6015
Brian Lauber	**Asst District Forester**	602	628-6015

PRESCOTT DISTRICT 899-C Gail Gardner Way, Prescott, AZ 86301

Terry Sloan	**District Forester**	602	778-9567
Ron Dominguez	**District FMO**	602	778-9567

PINETOP DISTRICT PO Box 1859, Pinetop, AZ 85935

Tom Warfield	**District Forester**	602	367-0303

PHOENIX DISTRICT 2901 W. Pinnacle Peak Road, Phoenix, AZ 85027

Scott Hunt	**District Forester**	602	255-4059

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

54.3 - New Mexico State Forestry NOV 88

ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 2167	Santa Fe	NM	87504-2167

ANSWERING SERVICE	UNIT DESIGNATOR	DISPATCHER
COMM: (505) 827-8080	**NMS**	COMM: (505) 827-8080 (505) 827-8081
STATE RADIO	PAGER	TELECOPIER / FACSIMILE
COMM: (505) 827-9377	(505) 827-9377, ask for 252 - Nancy 250 - Frank	COMM: (505) 827-3903

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMM	EXT	RESIDENCE TELEPHONE
Frank Smith	Fire Mgmt. Officer	505	827-5838		983-6675
Nancy Neskauskas	Fire Staff	505	827-8081		983-3232
Ken Schein	CHAMA District PO Box 123 Los Ojos NM 87551	505	588-7381/7382		588-7381
Ron Minor	CIMARRON District PO Box 5 Ute Park NM 87749	505	376-2368		377-2288
George Hartwell	SOCORRO District PO Box 946 Socorro NM 87801	505	835-5728		835-1677
Joe Gonzales	LAS VEGAS District PO Box 441 Las Vegas NM 87701	505	425-7472		425-7472
Barbara Luna	CAPITAN District PO Box 277 Capitan NM 88316	505	354-2231		653-4260
Fred Rossbach	BERNALILLO District PO Box 458 Bernalillo NM 87004	505	867-2334/2335		891-9655

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

55 - U.S. Fish and Wildlife Service MAY 89

ADDRESS	CITY	STATE	ZIP CODE
500 Gold Avenue SW	Albuquerque	NM	87103

TELECOPIER (Facsimile)	UNIT DESIGNATOR	
COMM: (505) 766-2289	FWS	COMM: (505) 766-8035
FTS : 474-2289		FTS: 474-8035

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMM	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Martin Suhr	Regional Fire Coordinator **Albuquerque**	505	766-8035	474-8035	821-8111
Meredith Weltmer	Fire Management Officer **Lawton, OK**	405	429-3222	743-6342	536-3805
	Fire Ecologist **Alamo, TX**	**512**	**787-3079**		
Buenos Aires Nat'l Wildlife Refuge, **Sasabe, AZ**		**602**	**823-4251**		
Cabeza Prieta Nat'l Wildlife Refuge, Ajo, AZ		602	387-6483		
Cibola Nat'l Wildlife Refuge, Blythe, CA		602	857-3253		
Havasu Nat'l Wildlife Refuge, Needles, CA		619	326-3853		
Imperial Nat'l Wildlife Refuge, Martinez Lake, AZ		602	783-3371		
Kofa Nat'l Wildlife Refuge, Yuma, AZ		602	783-7861		
San Bernardino Nat'l Wildlife Refuge Douglas, AZ		602	364-2104		
Bitter Lake Nat'l Wildlife Refuge Roswell, NM		505	622-6755		
Bosque del Apache Nat'l Wildlife Refuge Socorro, NM		505	835-1828		
Las Vegas Nat'l Wildlife Refuge Las Vegas, NM		505	425-3581		
Maxwell Nat'l Wildlife Refuge, Maxwell, NM		505	375-2331		
San Andres Nat'l Wildlife Refuge, Las Cruces, NM		505	382-5047		
Sevilleta Nat'l Wildlife Refuge, San Acacia, NM		505	864-4021		

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

NAME / LOCATION	AREA CODE	OFFICE TELEPHONE	
		COMM	FTS
Little River Nat'l Wildlife Refuge, Broken Bow, OK	405	584-6211	
Salt Plains Nat'l Wldlife Refuge, Jet, OK	405	626-4794	
Sequoyah Nat'l Wildlife Refuge, Vian, OK	918	773-5252	
Tishomingo Nat'l Wildlife Refuse, Tishomingo, OK	405	371 2402	
Washita & Optima Nat'l Wildlife Refuge, Butler, OK	405	664-2205	
Wichita Mountains Nat'l Wildlife Refuge, Indiahoma, OK	405 405	429-3009 429-3019	
Anahuac Nat'l Wildlife Refuge, Anahuac, TX	409	267-3337	527-2680
McFadden/Texas Point Nat'l Wildlife Refuge, Sabine Pass, TX	409	971-2909	
Aransas Nat'l Wildlife Refuge, Austwell, TX	512	286-3559	
Attwater Prarie Chicken Natn'l Wildlife Refuge, Eagle Lake, TX	409	234-5940	
Brazoria/San Bernard/Big Boggy Nat'l Wildlife Refuge Complex, Angleton, TX	409	849-6062	
Hagerman Natn'l Wildlife Refuge, Sherman, TX	214	786-2826	
Laguna Atascosa Nat'l Wildlife Refuge, Rio Hondo, TX	512	748-3607	
Muleshoe/Grulla Nat'l Wildlife Refuge, Muleshoe, TX	806	946-3341	
Buffalo Lake Natn'l Wildlife Refuge, Umbarger, TX	806	499-3382	
Santa Ana Natn'l Wildlife Refuge, Alamo, TX	512	787-3079	
Rio Grande Valley Natn'l Wildlife Refuge, Alamo, TX	512	787-3079	

FROM FTS NUMBERS DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

56.1 - National Park Service - Southwest Regional Office MAY 89

MAILING ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 728	Santa Fe	NM	87501
STREET ADDRESS			
1100 Old Santa Fe Trail	Santa Fe	NM	

ANSWERING SERVICE -
COMM:
FTS:

DISPATCHER
COMM: (505) 988-6371
FTS: 476-6371

PAGER/VOICE
COMM: (505) 984-5999

UNIT DESIGNATOR
SWP

DG MAILING ADDRESS

TELECOPIER ( )
COMM: (505) 988-6694
FTS: 476-1694

UNIT DESIGNATOR
SWP

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Cliff Chetwin	Protection Specialist	505	988-6311	476-6311	983-3854
Milford Fletcher	Chief, Division of Natural Resources	505	988-6371	476-6371	471-5917

If none of the above can be reached contact

	Supt., Capulin Mountain	505	278-2201

56.1a - National Park Service
Amistad Recreation Area

9-1-88

MAILING ADDRESS: P. O. Box 420367
CITY: Del Rio
STATE: TX
ZIP CODE: 78842

NIGHT / 24-HOUR NUMBERS
COMM:

UNIT DESIGNATOR
AMP

OFFICE NUMBER
COMM: (512) 775-7491

TELECOPIER / FACSIMILE
COMM:

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Eldon Kohlman	Chief Ranger	512 775-7491		512 775-0773
Jerry Yarbrough	District Ranger	512 775-6722		512 774-5476
Warren Beitel	District Ranger	512 775-1911		512 775-4998
Robert Ommer	District Ranger	915 292-4544		915 292-4544
Edward Rodriguez	Superintendent	512 775-7491		512 775-5351

56.1b - National Park Service
Aztec Ruins National Monument

9-1-88

MAILING ADDRESS: P. O. Box 640
CITY: Aztec
STATE: NM
ZIP CODE: 87410

NIGHT / 24-HOUR NUMBERS
COMM:

UNIT DESIGNATOR
AZP

OFFICE NUMBER
COMM: (505) 334-6174

TELECOPIER / FACSIMILE
COMM:

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Charles Cooper	Superintendent	505 334-6174		505 334-3006
William Schart	Park Ranger	505 334-6174		505 334-2008
Feligenio Velasquez	Carpenter	505 334-6174		505 334-2906

56.1c - National Park Service
Bandelier National Monument

9-1-88

MAILING ADDRESS	CITY	STATE	ZIP CODE
	Los Alamos	NM	87544

NIGHT / 24-HOUR NUMBERS COMM: -	UNIT DESIGNATOR BAP	OFFICE NUMBER COMM: (505) 672-3861
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
John Lissoway	Supv. Park Ranger	505 672-3861		505 672-9678
Leonard Weems	Protection Spec.	505 672-3861		505 672-9428
Al DeLaCruz	Supv. Park Ranger	505 672-3861		505 672-3620 emerg 753-7111
Ed Greene	Supv. Park Ranger	505 672-3861		505 672-3582
Jose Cisneros	Superintendent	505 672-3861		505 672-3648

56.1d - National Park Service
Big Bend National Park

9-1-88

MAILING ADDRESS	CITY	STATE	ZIP CODE
	Big Bend	TX	79834

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR BBP	DISPATCHER COMM: (915) 477-2251
TELECOPIER / FACSIMILE COMM:		

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
James Carrico	Superintendent	915 477-2251		915 477-2226
Philip Koepp	Park Ranger	915 477-2251		915 477-2263
Donna Grigsby		915 477-2251		915 477-2274
Robert Rothe		915 477-2251		915 477-2326

56.1e - National Park Service
Big Thicket National Preserve

9-1-88

MAILING ADDRESS 8185 Eastex Freeway	CITY Beaumont	STATE TX	ZIP CODE 77708

NIGHT / 24-HOUR NUMBERS COMM: (409) 839-2692 FTS: 527-2692	UNIT DESIGNATOR BTP	OFFICE NUMBER COMM: (409) 839-2689 527-2691
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
Dave McHugh	Ranger	409 839-2661		409 860-5169
Ken Theige	Ranger, SD	409 839-2661		409 755-4617
	Ranger, ND	409 283-5824		
C. Boettcher	Ranger, A.	409 283-5824		409 283-7520
Mike Livingston	C. Ranger	409 839-2692		
Jim Hooyboer	AO	409 839-2691		409 892-3826

56.1f - National Park Service
Buffalo National River

9-1-88

MAILING ADDRESS P.O. Box 1173	CITY Harrison	STATE AR	ZIP CODE 72602

NIGHT / 24-HOUR NUMBERS COMM: (501) 741-5444	UNIT DESIGNATOR BUP	DISPATCHER COMM:
TELECOPIER / FACSIMILE COMM:		

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
James Liles	Asst. Supt.	501 741-5443		
Carl Hinrichs	Chief Ranger	501 741-5443		501 741-1720
Bill Cunningham	Facility Mgr.	501 741-5443		501 743-2613
Walter Chavez	AO	501 741-5443		501 741-1698
Russ Lesko	Res. Mgmt. Spec.	501 741-5443		501 741-5241
Pam Griffin	Res. Mgmt. Tr.	501 741-5443		501 741-3691

56.1g - National Park Service
Canyon de Chelly National Monument

9-1-88

MAILING ADDRESS P.O. Box 588	CITY Chinle	STATE AZ	ZIP CODE 86503

NIGHT / 24-HOUR NUMBERS COMM: (602) 674-5436 FTS:	UNIT DESIGNATOR CAP	OFFICE NUMBER COMM: (602) 674-5436
RADIO FREQUENCIES TX: 166.350 RX: 166.950		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
Wilson Davis	Chief Ranger	602 674-5436		602 674-3353
Fred Patton	Park Ranger	602 674-5436		602 674-3387
Herbert Yazhe	Superintendent	602 674-5436		602 674-5059

56.1h - National Park Service
Capulin Mountains National Monument

9-1-88

MAILING ADDRESS P. O. Box 94	CITY Capulin	STATE NM	ZIP CODE 88414

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR CAP	DISPATCHER COMM: (505) 2 8-2201
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
George West	Chief I&RM	505 278-2201		505 278-2372
Ralph Harris	Superintendent	505 278-2201		505 445-3259
Terry Saunders	Maint. Foreman	505 278-2201		505 278-2609
Jill Morrow	Admin. Tech.	505 278-2201		501 278-2973

56.1i - National Park Service
Carlsbad Caverns National Park

MAILING ADDRESS 3225 National Parks Highway	CITY Carlsbad	STATE NM	9-1-88 ZIP CODE 88220

NIGHT / 24-HOUR NUMBERS COMM: FTS:	UNIT DESIGNATOR CCP	OFFICE NUMBER COMM: (505) 885-8884
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
Bobby Crisman	Mgmt. Asst.	505 885-8884		505 885-5772
Felix Hernandez	Chief I&RM	505 785-2232		505 785-2137
Robert Turner	Park Ranger	505 785-2232		505 887-0202
Ronal Kerbo	Cave Spec.	505 785-2232		

56.1j - National Park Service
Chaco Culture National Historical Park

MAILING ADDRESS Star Route 4, Box 6500	CITY Bloomfield	STATE NM	9-1-88 ZIP CODE 87413

NIGHT / 24-HOUR NUMBERS COMM: (505) 325-0466 Mobile During Day	UNIT DESIGNATOR CHP	OFFICE NUMBER COMM: (505) 988-6716 FTS: 476-1716
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
Tom Vaughn	Superintendent	505 988-6727/ 6716	476-1716	505 988-6727
Harold Timmons	Chief Ranger	505 988-6727/ 6716	476-1716	505 988-6727
Marge Stepanick	Admin. Clerk	505 988-6727/ 6716	476-1716	505 988-6727
Archie Werito	Chief Maint.	505 988-6727/ 6716	476-1716	505 988-6727

56.1k - National Park Service
Chamizal National Memorial

9-1-88

MAILING ADDRESS	CITY	STATE	ZIP CODE
P. O. Box 722	El Paso	TX	79944

NIGHT / 24-HOUR NUMBERS COMM: FTS:	UNIT DESIGNATOR CHP	OFFICE NUMBER COMM: (915) 534-6277 FTS: 570-6277
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
Franklin Smith	Superintendent	915 534-6277		915 591-7283
Ricardo Razo	Chief Ranger	915 534-6277		915 593-0416
Jose Urquidi	Facility Mgr.	915 534-6668		505 589-0696
Elias Valencia	Supv. Ranger	915 534-6668		915 584-4986
Edward Pacheco	Maint. Frm.	915 534-6668		915 565-2957

56.1l - National Park Service
Chickasaw National Recreational Area

9-1-88

MAILING ADDRESS	CITY	STATE	ZIP CODE
P. O. Box 201	Sulphur	OK	73086

NIGHT / 24-HOUR NUMBERS COMM: FTS:	UNIT DESIGNATOR CHP	OFFICE NUMBER COMM: (405) 622-3161 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
Steve Miller	Chief Ranger	405 622-3167		405 622-5557
John Wood	Dist. Ranger	405 622-3166		405 622-3335
Allen Hill	Dist. Ranger	405 622-3609		405 622-5422
Bob Peters	Superintendent	405 622-3161		

56.1m - National Park Service
El Morro National Monument

9-1-88

MAILING ADDRESS	CITY Ramah	STATE NM	ZIP CODE 87321

NIGHT / 24-HOUR NUMBERS COMM: FTS:	UNIT DESIGNATOR ELP	OFFICE NUMBER COMM: (505) 783-4226 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
Reed Deitring	Superintendent	505 783-4226		505 783-4595
Tom Townley	Chief Ranger	505 783-4226		505 783-4594
Gary Stolz	Park Ranger	505 783-4226		505 783-4517

56.1n - National Park Service
Fort Davis National Historic Site

9-1-88

MAILING ADDRESS P. O. Box 1456	CITY Fort Davis	STATE TX	ZIP CODE 79734

NIGHT / 24-HOUR NUMBERS COMM: (915) 426-3224/3225	UNIT DESIGNATOR FDP	OFFICE NUMBER COMM: (915) 426-3225
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
John Sutton	Chief Ranger	915 426-3224		915 426-3450
Paula Bates	AO	915 426-3224		915 426-3504
Dale Scheier	Maint. Foreman	915 426-3835		915 426-3513

56.1o - National Park Service
Fort Smith National Historical Site 9-1-88

MAILING ADDRESS	CITY	STATE	ZIP CODE
P. O. Box 1406	Fort Smith	AR	72902

NIGHT / 24-HOUR NUMBERS	UNIT DESIGNATOR	OFFICE NUMBER
COMM: FTS:	FSP	COMM: (501) 783-3961 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
Tom Crowson	Park Ranger	501 783-3961		501 452-0969
Guy Nichols	Park Ranger	501 783-3961		501 646-1522
Catie Fenn	Park Ranger	501 783-3961		501 782-6928

56.1p - National Park Service
Fort Union National Monument 9-1-88

MAILING ADDRESS	CITY	STATE	ZIP CODE
c/o Capulin Mountain National Park	Capulin	NM	88414

NIGHT / 24-HOUR NUMBERS	UNIT DESIGNATOR	OFFICE NUMBER
COMM:	FUP	COMM: (505) 425-8025
TELECOPIER / FACSIMILE COMM:		ALTERNATIVE OFFICE PHONE COMM: (505) 454-1155

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
John Betzer	Chief I&RM	505 425-8025		
Bob Martinez	Maint. Foreman	505 425-8025		
Albert Dominquez	Maint. Ldr.	505 425-8025		505 454-1112
Teddy Garcia	Masonry Ldr.	505 425-8025		505 666-2291
Debbie Archuleta	Clerk	505 425-8025		505 454-1116

56.1q - National Park Service
Gila Cliff Dwellings National Monument 9-1-88

MAILING ADDRESS Route 11, Box 100	CITY Silver City	STATE NM	ZIP CODE 88061

NIGHT / 24-HOUR NUMBERS COMM: FTS:	UNIT DESIGNATOR GIP	OFFICE NUMBER COMM: (505) 536-9461 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Janet Hurley	Dist. Ranger	505 536-9461		505 536-2856
John Kramer	Resource Staff	505 536-9461		505 536-9954
Theresa Nichols	Park Ranger	505 536-9461		505 536-9589

56.1r - National Park Service
Guadalupe Mountains National Park 9-1-88

MAILING ADDRESS HC 60, Box 400	CITY Salt Flat	STATE TX	ZIP CODE 79847

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR GUP	OFFICE NUMBER COMM: (915) 828-3251
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Jan Wobenhoirst	Chief Ranger	915 828-3251		915 828-3241
Vidal Davila	RM Spec.	915 828-3251		915 828-3216
Karen Wade	Superintendent	915 828-3251		915 828-3358

56.1s - National Park Service
Hot Springs National Park
9-1-88

MAILING ADDRESS P.O. Box 1860	CITY Hot Springs	STATE AR	ZIP CODE 71902

NIGHT / 24-HOUR NUMBERS COMM: (501) 624-3124	UNIT DESIGNATOR HOP	OFFICE NUMBER COMM: (501) 624-3383 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	FTS	RESIDENCE COMMERCIAL
Dick Knowlen	Supervisory Ranger	501 624-3124		501 624-0748
Rod Harris	Chief Ranger	501 624-3124		501 767-2318
Roger Giddings	Superintendent	501 624-3383		501 525-3190
David Muth	Supv. Ranger	504 689-2002		

56.1t - National Park Service
Hubbell Trading Post National Historical Site
9-1-88

MAILING ADDRESS P. O. Box 150	CITY Ganado	STATE AZ	ZIP CODE 86505

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR HUP	OFFICE NUMBER COMM: (602) 755-3475 FTS:
RADIO FREQUENCIES TX: 166.350 RX: 166.950/166.350		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	FTS	RESIDENCE COMMERCIAL
Richard Simmons	Chief I&RM	602 755-3475/3477		602 755-3547
Charles Wyatt	Superintendent	602 755-3475/3477		602 755-6158
Lawrence Woody	Maintenance Foreman	602 755-3475/3477		602 755-3584

56.1u - National Park Service
Jean Lafitte NHP

9-1-88

MAILING ADDRESS 423 Canal Street, Room 210	CITY New Orleans	STATE LA	ZIP CODE 70130-2341

NIGHT / 24-HOUR NUMBERS	UNIT DESIGNATOR JEP	OFFICE NUMBER COMM: (504) 589-3882 FTS: 682-3882
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Ann Belcov	Superintendent	504 589-3882		504 891-0620
George Mussanger	Chief I&RM	504 589-3882		504 340-5981
Lesley Adams	AO	504 589-3882		504 348-3192
David Muth	Supv. Ranger	504 689-2002		

56.1v - National Park Service
Lake Meredith Recreation Area

9-1-88

MAILING ADDRESS P. O. Box 1438	CITY Fritch	STATE TX	ZIP CODE 79036

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR LAP	OFFICE NUMBER COMM: (806) 857-3151 FTS: 735-1185
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
John Higgins	Supt.	806 857-3151		806 857-2610
Larry Neilson	Chief Ranger	806 857-3151		806 274-2803
John Sponsel	Fac. Mgr.	806 857-3151		806 857-3767
Rose Tillson	AO	806 857-3151		806 274-6180
Duane Gall	Park Ranger	806 865-3874		806 857-3602
Charles Brooks	Park Ranger	806 865-3874		806 857-2666

56.1w - National Park Service
Lyndon B. Johnson National Historical Park

9-1-88

MAILING ADDRESS	CITY	STATE	ZIP CODE
P. O. Box 329	Johnson City	TX	78636

NIGHT / 24-HOUR NUMBERS	UNIT DESIGNATOR	OFFICE NUMBER
	LYP	COMM: (512) 868-7128 FTS: 770-5124/5123
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE		RESIDENCE
		COMMERCIAL	FTS	COMMERCIAL
Jack Bixby	Chief I&RM	512 868-7128	770-5123	
John Tiff	I&RM	512 868-7128	770-5123	512 868-4633
Evelyn Klein	Lead Park Ranger	512 644-2241	770-5128	512 644-2255
Harry O'Bryant	Superintendent	512 868-7128	770-5123	512 868-7324
Buddy Hodges	Gen. Foreman	512 868-7128	770-5123	512 644-2345

56.1y - National Park Service
Navajo National Monument

9-1-88

MAILING ADDRESS	CITY	STATE	ZIP CODE
HC 71, Box 3	Tonelea	AZ	86044-9704

NIGHT / 24-HOUR NUMBERS	UNIT DESIGNATOR	OFFICE NUMBER
COMM:	NAP	COMM: (602) 672-2366 FTS:
RADIO FREQUENCIES TX: 171.675/172.575 RX: 171.675/171.675		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE	RESIDENCE
		COMMERCIAL	COMMERCIAL
Noberto Ortega	Chief Ranger	602 672-2366	602 672-2414
Enrique Armendariz	Lead Ranger	602 672-2367	602 672-2343
John Laughter	Maintenance Foreman	602 672-2366	602 672-2465
Clarence Gorman	Superintendent	602 672-2367	602 672-2425

56.1z - National Park Service
Padre Island National Seashore

9-1-88

MAILING ADDRESS 9405 South Padre Island Dr.	CITY Corpus Christi	STATE TX	ZIP CODE 78418

NIGHT / 24-HOUR NUMBERS (512) 949-8177	UNIT DESIGNATOR PAP	OFFICE NUMBER COMM: (512) 937-2621 FTS: 529-3300
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	FTS	RESIDENCE COMMERCIAL
John Hunter	Superintendent	512 937-2621	529-3300	512 949-7524
Max Hancock	Chief Ranger	512 949-8173		512 937-5136
Pete Amodei	Facility Mngr.	512 949-8173		512 994-1575
Bob Whistler	Chief Naturalist	512 949-8173		512 937-5478
Malcolm Pace	AO	512 937-2621	529-3300	512 937-4798
Jenny Bjork	Chief RS	512 949-8173		512 949-8034

56.1aa - National Park Service
Pea Ridge National Military Park

9-1-88

MAILING ADDRESS	CITY Pea Ridge	STATE AR	ZIP CODE 72751

NIGHT / 24-HOUR NUMBERS	UNIT DESIGNATOR PEP	OFFICE NUMBER COMM: (501) 451-8122 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	FTS	RESIDENCE COMMERCIAL
Billy D. Stout	Chief Ranger	501 451-8122		501 631-0145
John Knox	Park Ranger	501 451-8122		501 . 359-3761
Larry Widdifield	Maint. Foreman	501 451-8122		501 636-1941

56.1bb - National Park Service
Pecos National Monument

9-1-88

MAILING ADDRESS P. O. Drawer 418	CITY Pecos	STATE NM	ZIP CODE 87552-0418

NIGHT / 24-HOUR NUMBERS COMM: (505) 757-6414/6032	UNIT DESIGNATOR PEP	OFFICE NUMBER COMM: (505) 757-6414 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Ann Rasor	Park Ranger	505 757-6414		505 984-8259
John Loleit		505 757-6414		
Linda Stoll	Superintendent	505 757-6414		
Felix Sena		505 757-6414		
Verna Hutchinson		505 757-6414		

56.1cc - National Park Service
Salinas National Monument
9-1-88

MAILING ADDRESS P.O. Box 496	CITY Mountainair	STATE NM	ZIP CODE 87036

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR SAP	OFFICE NUMBER COMM: (505) 847-2585 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
Rudy Baca	Superintendent	505 847-2585		505 471-7353
Glenn M. Fulfer	Supv. Ranger	505 847-2585		505 847-2242
James Boll	Park Ranger	505 847-2585		
Virgil Whitworth	Maint. Fore.	505 847-2585		505 847-2314
Kayla Ellsbury	Budg. Tech.	505 847-2585		505 847-2889
Adelicio Chavez	Maint. Lead.	505 847-2585		505 384-2690
Frank Ferguson	Masonry Wkr.	505 847-2585		

56.1dd- National Park Service
San Antonio Missions National Historical Park
9-1-88

MAILING ADDRESS 2202 Roosevelt Avenue	CITY San Antonio	STATE TX	ZIP CODE 78210-4919

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR SAP	OFFICE NUMBER COMM: (512) 229-5701 FTS: 730-5701
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

		TELEPHONE - OFFICE		RESIDENCE
NAME	POSITION	COMMERCIAL	FTS	COMMERCIAL
Victor Carrasco	Chief VP	512 229-5703	730-5701	512 699-1458
Stephen Adams	Chief I&RM	512 229-5707		512 647-0374

56.1ee- National Park Service
White Sands National Monument

9-1-88

MAILING ADDRESS P.O. Box 458	CITY Alamogordo	STATE NM	ZIP CODE 88310

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR WHP	OFFICE NUMBER COMM: (505) 437-1058 FTS:
TELECOPIER / FACSIMILE COMM:		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Don Harper	Superintendent	505 437-1058		505 479-2119
Robert Schumerth	Chief Ranger	505 437-1058		505 434-0481
Mary Jane Tate	Admin. Tech.	505 437-1058		505 437-1070
Charles Colarusso	Equip. Fore.	505 437-1058		505 434-0061
David Evans	Park Ranger	505 437-1058		505 479-2204
Cindy Ott-Jones		505 437-1058		505 434-5151

56.1ff - National Park Service
Wupatki/Sunset Crater National Monument

9-1-88

MAILING ADDRESS 2717 N. Steve's Blvd., Suite 3	CITY Flagstaff	STATE AZ	ZIP CODE 86001

NIGHT / 24-HOUR NUMBERS COMM:	UNIT DESIGNATOR WUP	OFFICE NUMBER COMM: (602) 527-7040 FTS: 765-7152
RADIO FREQUENCIES TX: 166.350/166.350 RX: 166.350/166.950		

--IF NO ANSWER ON ABOVE TELEPHONE NUMBERS, CALL IN ORDER LISTED BELOW--

NAME	POSITION	TELEPHONE - OFFICE COMMERCIAL	TELEPHONE - OFFICE FTS	RESIDENCE COMMERCIAL
Larry Henderson	Superintendent	602 527-7040	765-7152	
Wayne Landrum	Chief Ranger	602 527-7040	765-7040	
Tomie Lee	Supv. Ranger	602 527-7040	765-7040	
Todd Brindle	Supv. Ranger	602 527-7042	765-7042	

56.2 - National Park Service-Western Region and Arizona National Parks NOV 88

ADDRESS	CITY	STATE	ZIP CODE
450 Golden Gate Avenue	San Francisco	CA	94102

	TELECOPIER	DISPATCHER
COMM:	(415) 556-2793	(415) 556-1866
FTS:	556-2793	556-1866

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Chris Cameron	Protection Specl'st	415	556-1866	556-1866	(707) 778-8335
Phillip Ward	Chief, Visitor and Use Mgmt. Division	415	556-1866	556-1866	453-4991
Herb Gercke	Law Enforcement Off.	415	556-1866	556-1866	663-8727
Southern Arizona Group 202 E. Earll Drive, Phoenix, AZ 85012					
Kathleen Davis	Resource Management Specl'st/Law Enfor.	602	241-5258	261-5258	956-6548
Bob Reyes	Operations Specl'st	602	241-5256	261-5256	
Jim Laney	General Superint'nt	602	241-5252	261-5252	
Warren Henderson	Archeologist	602	241-5257	261-5257	
Grand Canyon National Park P.O. Box 129, Grand Canyon, AZ 86023					
Don Forester	Fire Mgmt. Officer	602	638-7821	765-7821	638-9566
Ken Miller	Chief Ranger	602	638-7800	765-7800	638-2678
Earl Carlsten	Heliport Manager	602	638-7823	765-7823	
24 hour switchboard		602	638-2477	765-7805	
Saguaro National Monument 3693 S. Old Spanish Trail, Tucson, AZ 85730-5699					
Robyn Wasserman	Dispatcher	602	629-6432	762-6432	
Charles Scott	Fire Mgmt. Officer	602	296-8576	762-6680 762-6682	721-7386
Bob Hall	Resource Manager	602	296-8576	762-6680	
Bill Paleck	Superintendent	602	296-8576	762-6680	
Glen Canyon National Park Page, AZ					

57 - Regional Coordination Centers and NARTC

MAY 89

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
BIFC Logistics Support					
John McKelvey	Fire Mob. Officer	208	389-2661	554-2661	344-9904
"Skip" Scott	Coordinator	208	389-2408	554-2408	336-5259
Lynn Findley	Coordinator	208	389-2409	554-2409	323-1341
Neal Hitchcock	Coordinator	208	389-2662	554-2662	336-0416
Lee Englesby	Coordinator	208	389-2415	554-2415	
Region 1 Northern Region					
Charlie Rodgers	Logistics Support Coordinator	406	329-4881	584-4881	549-5042
	Aircraft Coord.	406	329-4883	584-4883	777-2702
	Personnel Coord.	406	329-4884	584-4884	
Ron Hendrickson	Logistics Manager	406	329-4880	584-4880	549-7110
Region 2 Rocky Mountains Area					
Dave Clement	Asst Area Coord.	303	650-7922	564-7922	697-4998
Chris Fletcher	Logistics Ops. Mgr.	303	650-7922	564-7922	422-5133
Kristine Damsgaard	Dispatcher	303	650-7922	564-7922	
Darrel Smith	Area Coordinator	303	236-9565	776-9565	973-8130
Region 4 Great Basin Area					
Clee Pearson	Regional Dispatcher	801	625-5500	586-5500	476-8838
Mary Spencer	Asst Dispatcher	801	625-5500	586-5500	745-2013
Bill Price	Area Coordinator	801	625-5500	586-5500	625-5251
Region 5 North Zone Dispatch					
Jerry Clements	Zone Dispatcher	916	246-5354	450-5354	246-3937
Bill Dale	Dispatcher	916	246-5354	450-5354	246-0182
Dennis Derr	Dispatcher	916	246-5354	450-5354	222-8243
John Keith	Dispatcher	916	246-5354	450-5354	
Sidney Nobles	Emerg. Ops. Coord.	916	246-5270	450-5270	246-1090
Region 5 South Zone Dispatch					
John Browser	Zone Dispatcher	714	351-6721	799-6721	987-7737
Bill Hall	Asst Dispatcher	714	351-6721	799-6721	242-3856
Tom McComisky	Asst Dispatcher	714	351-6721	799-6721	797-6929
June Chandler	Asst Dispatcher	714	351-6721	799-6721	798-0074
John Byrant	Emergency Ops. Coord.	714	351-6511	799-6511	795-7880

57 - Regional Coordinaton Centers and NARTC

MAY 89

NAME	POSITION	CODE	COMMERCIAL	FTS	TELEPHONE
Region 6 Northwest Coordination Center					
Larry Everson	Asst. Center Mgr.	503	326-7405	423-7405	374-8570
Sue Clay	Dispatcher	503	326-7405	423-7405	256-0549
Dolly Davis	Dispatcher	503	326-7405	423-7405	235-1025
John Keith	Dispatcher	503	326-7405	423-7405	834-6298
Jerry Williams	Center Manager	503	326-7405	423-7405	684-0404
Region 8 Southeast Area					
Mark Toliver	Dispatcher	404	347-4243	257-4243	974-0472
Lynn Thomas	Area Coordinator	404	347-4243	257-4243	445-8323
Region 9 Northeastern Area					
Ginger Brudevold	Reg. Coordinator	404	291-3690	362-3690	763-9004
Region 10 Alaska					
Wayne "Bushy" Bushnell	Reg. Cood.	907	271-2569		
Northeastern Area Office - State & Private Forestry					
Amy Adams	Coordinator	215	690-3167	489-3167	284-6604
Jackie Alllen	Asst. Coordinator	215	690-3168	489-3168	878-2391
Bob Adams	Suppression	215	690-3162	489-3162	436-5664
National Advanced Resource Technology Center - NARTC					
Ken Dittmer	Director	602	629-6414	762-6414	297-3862
Roger Corner	Training Specialist	602	629-6414	762-6414	
Bonnie Turner	Training Specialist	602	629-6414	762-6414	744-0653
Phil Parks	Training Specialist	602	629-6414	762-6414	297-5688

57.1 - Washington Office, Aviation and Fire Management and NARTC MAY 89

ADDRESS	CITY	STATE	ZIP CODE
Room 1001 RP-E P.O. Box 96090	Washington	DC	20013-6090

FACSIMILE (Automatic) COMM: (703) 235-1642 FTS: 235-1642		DG MAILING ADDRESS FIRE:W01A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Mic Amicarella	Director	703	235-8039	235-8039	323-6826
Harry Croft	Budget and RPA				
Karen Hanson	Budget Analysis/Statistics				
Fred Fuch	Aviation Management	703	235-8022	235-8022	689-3726
John Eckert	Aviation Mgmt. Spcl'st		235-3636	235-3636	
Bob Martin	Aviation Safety/Trng		235-8022	235-8022	
John Chambers	Fire Operations	703	235-9634	235-9634	425-4765
Roger Eubanks	Fuels/Smoke Management				437-8579
Jerry Monesmith	Fire Safety/Training				378-4133
Bill Shank	Equipment Development				860-2979
Fran Russ	Property/Equipment Management				
Bill McCleese	Fire Planning State Fire Planning/Analysis	703	235-8666	235-8666	978-1939
Dick Chase	NFS Fire Planning				
Robert Swinford	Prevention - Urban/Wildland Interface				
Bob Gale	Fire Economics				
Gladys Daines	Smokey Bear Program Manager				
Linda Knowlton	Systems Management				
Mike Funston					
Bill Shenk	FS Equipment and Development Liaison	703	235-9634		860-2979

57.2 National Advanced Resource Technology Center - NARTC MAY 89

ADDRESS	CITY	STATE	ZIP CODE
Pinal Air Park	Marana	AZ	85238

DG MAILING ADDRESS
NARTC:W06A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMM	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Ken Dittmer	Director	602	629-6414	762-6414	297-3862
Roger Corner	Training Specialist	602	629-6414	762-6414	
Bonnie Turner	Training Specialist	602	629-6414	762-6414	744-0653
Phil Parks	(BLM)Training Specialist	602	629-6414	762-6414	297-5688

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.3 - BIFC Logistics Support

MAY 89

ADDRESS	CITY	STATE	ZIP CODE
3905 Vista Avenue	Boise	ID	83705

AFTER HOURS / 24 HOUR
COMM: (208) 389-2660
FTS: 554-2660

UNIT DESIGNATOR
LSO

NIFCC
COMM: (208) 389-2400
FTS: 554-2400

TELECOPIER (Automatic)
COMM: (208) 389-2663/2414
FTS: 554-2663/2414

DG MAILING ADDRESS
A.COOR:W02A
A.INT:W02A
A.CORDINATOR:W02A
A.AIRCRAFT:W02A
A.PERS:W02A
A.EQUIP:W02A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
"Skip" Scott	Chief, Logistics	208	389-2408	554-2408	336-5259
John McKelvey	Mob. Specialist	208	389-2661	554-2661	344-9904
Lynn Findley	Coordinator	208	389-2409	554-2409	323-1341
Neal Hitchcock	Coordinator	208	389-2662	554-2662	336-0416
Lee Englesby	Coordinator	208	389-2415	554-2415	
Tom Rios	Chief Intelligence	208	389-2658	554-2658	345-9202
Barb Hall	Intelligence	208	389-2658	554-2658	345-1575
Dick Stauber	FS Director	208	389-2605	554-2605	336-3241
Nels Jensen	Aviation Ops. Officer	208	389-2617	554-2617	362-4193
Paul Markowitz	Maintenance Specl'st	208	389-2613	554-2613	362-5790
Bill Crampton	Nat'l Fire Rdo Cache	208	389-2643	554-2643	336-9627
Steve Jenkens	Communications Mngr.	208	389-2644	554-2644	344-2900
Buddy Adams	RAWS Information	208	389-2475	554-2475	
Bernie Erickson	Computer Specialist	208	389-2601	554-2601	
Keith Jensen	Contracting Officer	208	389-2611	554-2611	362-9349
Rich Denker	Contracting Officer	208	389-2610	554-2610	888-9843
Judy Pope	Contracting Officer	208	389-2612	554-2612	
Jack Wilson	BLM Director	208	389-2446	554-2446	345-4159
Chuck Tandy	BIA Director	208	389-2575	554-2575	362-5504
Bill Barrus	IR Technician	208	389-2647	554-2647	362-0619
DIAL-A-SIT REPORT		208	389-2413	554-2413	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.4 - Region 1 Northern Region MAY 89

ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 7669	Missoula	MT	59807

ANSWERING SERVICE	FAX	DISPATCHER
COMM: (406) 543-5111	COMM: (406) 329-4891 FTS: 584-4891	COMM: (406) 329-4880 FTS: 584-4880

DG MAILING ADDRESSES

Coordinators Office, Aerial Fire Depot	DSP.R01:R01D
Regional Office, Aviation & Fire Mgmt	AFM:R01A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Ron Hendrickson	Logistical Manager	406	329-4880	584-4880	549-7110
Charlie Rodgers	Coordinator	406	329-4881	584-4881	549-5042
Mike Plattes	Aircraft Coord.	406	329-4883	584-4883	777-3120
	Personnel Coord.	406	329-4884	584-4884	
Bud Clarke	Equipment Specl'st	406	329-4956	584-4956	726-3721
Walt Tomascak	Fire Use Specl'st	406	329-3404	584-3404	721-7144
Joe Wagenfehr	Fire Suppression	406	329-4901	584-4901	721-4338
Troy Kurth	Fire Planning	406	329-3313	584-3313	728-5358
	Smokejumper Supt.	406	329-4893	584-4893	
Mike Davis	Regional Aviation Officer	406	329-4903	584-4903	728-1696
Jim Mann	Director, A & FM	406	329-3402	585-3402	543-8712
Dick Gilfillan	Fire Cache Supt.	406	329-4932	584-4932	728-4591
REGIONAL FIRE CACHE		406	329-4930	584-4930	
AERIAL FIRE DEPOT		406	329-4900	584-4900	
SMOKEJUMPER OPERATIONS		406	329-4896	584-4896	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.5a - Region 2 Rocky Mountains Area MAY 89

ADDRESS	CITY	STATE	ZIP CODE
11177 W. 8th Aveune P.O. Box 25127	Lakewood	CO	80225

ANSWERING SERVICE
COMM: (303) 650-7924
FTS: 564-7924

DISPATCHER
COMM: (303) 650-7922
FTS: 564-7922

FAX (Automatic)
COMM:
FTS: 776-9588

DG MAILING ADDRESS
DSP:R02A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Darrel Smith	Regional Coordinator	303	236-9565	776-9565	973-8130
Glen Snyder	Fire Management Spec.	303	236-9563	776-9563	989-7577
Al Roberts	Fuels Management	303	236-9564	776-9564	278-1562
Ray Evans	Director	303	236-9558	776-9558	
Dennis Haddow	Air Quality	303	236-9562	776-9562	239-9709
	Aviation Officer	303	236-9566	776-9566	
Molly Haddow	Business Mgt.	303	650-7925	564-7925	239-9709
Jim Pringle	Communications	303	650-7925	564-7925	

57.5b - JEFFCO Aviation & Fire MAY 89

ADDRESS	CITY	STATE	ZIP CODE
10900 W. 120TH Ave.	Broomfield	CO	80020

ANSWERING SERVICE
COMM: (303) 650-7924
FTS: 564-7924

DISPATCHER
COMM: (303) 650-7922
FTS: 564-7922

FAX (Automatic)
COMM:
FTS: 469-9222

DG MAILING ADDRESS
DSP:R02A

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Dave Clement	Asst. Regional Coord	303	650-7922	564-7922	697-4998
Chris Fletcher	Logistics Manager	303	650-7922	564-7922	422-5133
Kristine Damsgaard	Dispatcher	303	650-7922	564-7922	
Darrel Smith	Area Coordinator	303	236-9565	776-9565	973-8130
Carlos Gallegos	Fire Cache Mgr.	303	650-7925	564-7925	239-9709
Jim Pringle	Communications	303	650-7925	564-7925	

57.6 - Region 4 Great Basin Area MAY 89

ADDRESS	CITY	STATE	ZIP CODE
325 25th. Street	Ogden	UT	84404

ANSWERING SERVICE COMM: (801) 625-5500 FTS 586-5500		DISPATCHER COMM: (801) 625-5500 FTS: 586-5500
FAX (Automatic) COMM: FTS: 586-5483	DG MAILING ADDRESS DISPATCH:R04A	

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Clee Pearson	Dispatcher	801	625-5500	586-5500	625-5251*
Mary Spencer	Dispatcher	801	625-5500	586-5500	745-2013
Bill Price	Area Coordinator	801	625-5500	586-5500	476-8838
Joe Kinsella	Fire Operations	801	625-5509	586-5509	
Douglas Bird	Director, A&FM	801	625-5507	586-5507	479-8203
Tom Beddow	Fuels Management	801	625-5508	586-5508	782-1722
Patti Hirami	Fire Analyst	801	625-5403	586-5403	479-6037
Ron Bell	Regional Aviation Officer	801	625-5511	586-5511	
Roy Keck	Regional Air Safety	801	625-5510	586-5510	544-8493
Ogdens Pilot's Office		801	625-5470	586-5470	
Boise Pilot's Office		208	389-2640	554-2640	

*May be called on FTS at home by Dialing 8+586+last 4 digits of home phone

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.7 - Region 5 - Fire Management   California Area   MAY 89

ADDRESS	CITY	STATE	ZIP CODE
Pacific Southwest Region 630 Sansome Street	San Francisco	CA	94111

Night or 24 hr. Telephone COMM: (707) 762-2163		DISPATCHER COMM: (415) 556-4745 FTS: 556-4745
TELECOPIER (Manual) COMM: FTS: 556-9785	DG MAILING ADDRESS :R05F	

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Ken Blonski	Area Coordinator	415	556-4745	556-4745	(707) 762-2163
Dick Adams	Regional Fire Manager	415	556-4746	556-4746	
Kenton Clark	Asst. Regional Forester / A&FM	415	556-5142	556-5142	(707) 763-7158
Dick Harrell	Fuels Management	415	556-0814	556-0814	932-8807
George Mennel	Fire Prevention	415	556-3363	556-3363	676-7416
Howard Nickelson	Systems Management	415	556-9782	556-9782	827-2549
Jan Dang	Asst. Systems Management	415	556-9783	556-9783	319-6517
Robert Solari	Fire Planning	415	556-9784	556-9784	687-2013
Hollis Hardy	Program Analysis	415	556-9781	556-9781	933-9543

REGIONAL AVIATION GROUP   Sacramento Metro Airport,
DG Address :R05B   6900 Airport Blvd., Rm. 124,   Sacramento, CA 95873

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Ken Otten	Regional Aviation Officer	916	978-5494	460-5494	784-3550
Bill Buckley	Light A/C Program	916	978-5494	460-5494	758-2884
Jerry Forsmann	Large A/C Program	916	978-5494	460-5494	
Morgan Mills	Helicopter Program	916	978-5494	460-5494	331-3130
"Tex" Wright	Safety & Training	916	978-5494	460-5494	782-6117
Jerry Vice	Helicopter Spc'lst	916	978-5494	460-5494	348-9768

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBERS

57.8 - Region 5 - North Zone Dispatch

MAY 89

ADDRESS	CITY	STATE	ZIP CODE
6101 Airport Road	Redding	CA	96002

24 HOUR NUMBER COMM: (916) 246-5353 FTS: 450-5353	DG MAILING ADDRESS NZD:R05F14D53A	DISPATCHER COMM: (916) 246-5354 FTS: (916) 450-5354
TELECOPIER (Automatic) COMM: FTS: 450-5287		FIRE CACHE COMM: (916) 246-5495 FTS: 450-5495

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Jerry Clements	NZ Dispatcher	916	246-5354	450-5354	246-3937
Bill Dale	Dispatcher	916	246-5354	450-5354	246-0182
Dennis Derr	Dispatcher	916	246-5354	450-5354	222-8243
	Dispatcher	916	246-5354	450-5354	
Sidney L. Nobles	North Zone Coordinator	916	246-5270	450-5270	246-1090
Dave Noble	Supervisory Smokejumper	916	246-5445	450-5445	
Gary Harris	Training Officer	916	246-5362	450-5362	
John McCauley	Fire Cache Mgr.	916	246-5495	450-5495	
Lovella Pigg	Admin. Officer	916	246-5311	450-5311	
REDDING OPERATIONS UNIT					
Bob Clarke	Operations Officer	916	246-5246	450-5246	365-3274
Leas Dickey	Duty Pilot	916	246-5246	450-5246	547-4783
Bill Rice	Duty Pilot	916	246-5246	450-5246	243-3248
Tom Koening	Helicopter Spc'lst	916	246-5246	450-5246	
Earl Koening	Avionics Tech.	916	246-5447	450-5447	
Ed McClure	Safety Inspector	916	246-5447	450-5447	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.9 - Region 5 - South Zone Dispatch

MAY 89

ADDRESS	CITY	STATE	ZIP CODE
2524 Mulberry Street	Riverside	CA	92501

24 HOUR NUMBER COMM: (714) 351-6725 FTS: 799-6725	DG MAILING ADDRESS SZD:R05F J.BOWSER:R05F T.MCCOMISKY:R05F	DISPATCHER COMM: (714) 351-6721 FTS: 799-6721
TELECOPIER . -(Automatic) COMM: FTS: 799-6513		SOUTH ZONE COORDINATOR COMM: (714) 351-6511 FTS: 799-6511

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
John Bowser	SZ Coordinator	714	351-6721	799-6721	987-7737
Bill Hall	Dispatcher	714	351-6721	799-6721	242-3856
Tom McComisky	Dispatcher	714	351-6721	799-6721	797-6929
June Chandler	Dispatcher	714	351-6721	799-6721	798-0074
John Bryant	Zone Coordinator	714	351-6511	799-6511	795-7880
Marty Barrows	FIRESCOPE/Training	714	351-6512	799-6512	658-3897
Mike Wingate	SZ Electronic Tech.	714	351-6442	799-6442	864-6104

ONTARIO OPERATION UNIT

Ontario International Airport	Ontario	CA	91716

ANSWERING SERVICE COMM: FTS:	TELECOPIER COMM: **OAO:R05F**	DISPATCHER COMM: (714) 983-0624 FTS: 799-6740

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
John Liston	Operations Officer	714	351-6740	799-6740	983-6788
	Special Programs	714	351-6740	799-6740	
	Duty Pilot	714	351-6740	799-6740	
Dennis Morentin	Avionics Technician	714	351-6740	799-6740	653-1913
	Safety Inspector	714	351-6740	799-6740	

South Zone Fire Cache	City	State	Zip Code
2524 Mulberry Street	Riverside	CA	92051

TELECOPIER (Automatic) COMM: (818) 574-5368		FIRE NUMBER COMM: (818) 574-5365

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
John Chackerian	Cache Manager	818	574-5365	799-0287	714-985-1377
Bob O'Connor	Inventory Manager	818	574-5365	799-0287	714-947-0441
Larry Morrison	Shop Foreman	818	574-5366	799-0287	818-357-6684
Don Hastain	Warehouse Foreman	818	574-5366	799-0287	818-960-9656

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.10 - Region 6 Northwest Coordination Center

MAY 39

ADDRESS	CITY	STATE	ZIP CODE
5420 NE Marine Drive	Portland	OR	97218

ANSWERING SERVICE
COMM: (503) 294-7405
FTS: 423-7405

TELECOPIER (Automatic)
COMM: (503) 294-7576
FTS: 423-7576

DG MAILING ADDRESS
DISP:R06F
J.WILLIAMS:R06F
L.EVERSON:R06F
J.ROBERTS:R06A
J.CRAIG:R06A

DISPATCHER
COMM: (503) 326-7405
FTS: 423-7405

TELECOPIER (Automatic)
(Located in RO - Mon-Fri)
COMM: (503) 221-2272
FTS: 423-2272

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
Jerry Williams	Center Manager	503	326-7405	423-7405	684-0404
Larry Everson	Asst Center Mngr.	503	326-7405	423-7405	374-8570
Sue Clay	Dispatcher	503	326-7405	423-7405	256-0549
Dolly Davis	Dispatcher	503	326-7405	423-7405	235-1025
John Keith	BLM Dispatcher	503	326-7405	423-7405	834-6298
John Roberts	Suppression	503	326-2931	423-2931	253-9817
Buck Pino	Ass't Suppression Specialist	503	326-2931	423-2931	640-8687
Jim Craig	Fuels/Meteorology	503	326-2931	423-2931	639-8009
Val Descamps	Meteorologist	503	326 2931	423-2931	
Ken Snell	Operations Analyst	503	326-2931	423-2931	648-0289
Dick Pierce	Coop. Fire Mgmt. / Prevention	503	326-2931	423-2931	649-1452
Al Cadola	Equipment Spcl'st	503	326-5436	423-5436	640-8160
Al Brown	Training Safety Officer/Prevention	503	326-2931	423-2931	659-6403
Bill Fuller	Aviation	503	326-2931	423-2931	657-8968
Bill Bulger	Aviation Safety Specialist	503	326-5432	423-5432	255-5366
James Bates	Director, A & FM	503	326-2931	423-2931	640-6943
Ray Guardado	Warehouse Manager	503	326-7405	423-7405	389-0741

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.11 - Region 8 Southeast Area

NOV 88

ADDRESS 1720 Peachtree Rd NW	CITY Atlanta	STATE GA	ZIP CODE 30367

ANSWERING SERVICE COMM: (404) 347-4243 FTS: 257-4243	FAX COMM: (404) 347-2836 FTS: 257-2836	DISPATCHER COMM: (404) 347-4243 FTS : 257-4243
MOBILE TELEPHONE Lynn Thomas (404) 558-9235 Mark Toliver (404) 558-9233 Bob James (404) 558-9236	DG MAILING ADDRESS **DISPATCH:R08A** **L.THOMAS:R08A**	PAGER L. Thomas (404) 690-9642 M. Toliver (404) 690-9641 B. James (404) 690-9640

NAME	POSITION	AREA CODE	OFFICE TELEPHONE		RESIDENCE TELEPHONE
			COMMERCIAL	FTS	
Lynn Thomas	Area Coordinator	404	347-4243	257-4243	445-8323
Mark Toliver	Dispatcher	404	347-4243	257-4243	974-0472
Theresa Hood	Fire Clerk/Disp.	404	347-4243	257-4243	974-0242
Bob James	Suppression	404	347-4243	257-4243	972-2254
Dick Cox	Director, A & FM	404	347-4243	257-4243	256-9468
Steve Pedigo	Planning & Budget	404	347-4243	257-4243	934-1321
Jim Sorenson	Prev. Comm. Fire	404	347-4243	257-4243	922-3931
Jim Lunsford	Fuels	404	347-4243	257-4243	536-9915
Bill Allison	Regional Aviation Officer	404	347-4243	257-4243	922-5076
Charlotte Larson	EZ Air Officer/Pilot	404	347-4243	257-4243	
Bill McMillan	Helicopter Specialist	404	347-4243	257-4243	294-0905
Pat Kissell	WZ Air Officer	404	347-4243	257-4243	296-7520
Dekalb-Peachtree	Airport, Chamblee	404	458-4651		

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.12a - Region 9 Northeastern Area MAY 89

ADDRESS	CITY	STATE	ZIP CODE
310 W. Wisconsin Avenue	Milwaukee	WI	53203

Night or 24 Hour Telephone Numbers COMM:(414) 778-7355 or 291-3690 FTS: 362-3690	DISPATCHER COMM: (414) 291-3690 FTS: 362-3690

FAX Automatic COMM: (414) 291-3698 FTS: 362-3698	DG MAILING ADDRESS G.Brudevold:R09A	

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Ginger Brudevold	Area Coordinator	414	291-3690	362-3690	763-9004
Ed Kautz	Suppression	414	291-1280	362-1280	243-9157
Fred Lintelmann	Prevention / Training	414	291-3682	362-3682	549-3201
Dick Bacon	Director, A&FM	414	291-1898	362-1898	375-1512
Bill Dickson	Regional Air Officer	414	291-3632	362-3632	421-4064
Tom Maher	Regional Pilot	414	291-3744	362-3744	543-5903
Lloyd Hendrickson	Serious Injury and Property Damage	414	291-3811	362-3811	421-4124
Bruce Williams	R9 Fire Cache Manager	218	365-6185		(218) 365-5825

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

57.12b - Northeastern Area Office - State & Private Forestry

May 88

ADDRESS	CITY	STATE	ZIP CODE
370 Reed Road	Broomall	PA	19008

ANSWERING SERVICE COMM: (215) 543-8399 (fire season only)	UNIT DESIGNATOR	DISPATCHER COMM: (215) 690-3167 FTS : 489-4167
TELECOPIER ( ) COMM: (215) 690-3084 FTS : 489-3084	DG MAILING ADDRESS **FIRE:S24A**	

NAME	POSITION	AREA CODE	OFFICE TELEPHONE			RESIDENCE TELEPHONE
			COMM	EXT	FTS	
Amy Adams	Coordinator	215	690-3167		489-3167	284-6604
Jackie Allen	Asst. Coordinator	215	690-3168		489-3168	878-2391
Don Footer	RCFP	215	690-3146		489-3146	353-6495
Bob Adams	Suppression,	215	690-3162		489-3162	436-5664
Jack Horton	Planning, RPA,	215	690-3165		489-3165	328-7870
Sig Palm	Prev. & Training	215	690-3163		489-3163	430-1268
Ted Zrelak	Asst. Director	215	690-3160		489-3160	692-9669
Alpha Respond Company (This is the Answering Service)		215	623-5600		581-1056 (Broomall Staff Only)	

57.13 - Region 10

ADDRESS State & private Forest 201 E. 9th Avenue, Suite 201	CITY Anchorage	STATE AK	ZIP CODE 99501

ANSWERING SERVICE COMM: (907) 271-2500	UNIT DESIGNATOR	DISPATCHER COMM: (215) 690-3167 FTS : 489-4167
TELECOPIER (MANUAL) COMM: (907) 271-2500 FTS :	DG MAILING ADDRESS SDF.STAFF:R10F04A	

NAME	POSITION	AREA CODE	OFFICE TELEPHONE COMM	OFFICE TELEPHONE FTS	RESIDENCE TELEPHONE
Wayne Bushnell	Regional Coordinator	907	271-2569		
Cathy Scoefield	Coop. Fire Spec.	907	271-2568		
Dennis Pendletion	FM Group Leader	907	271-2570		344-3545
Ned Horn	Reg Aviation Officer	907	586-8745		789-7092
J.P. Johnston	Heli Inspector/Pilot	907	586-8745		780-4802

		AREA	OFFICE TELEPHONE	
		CODE	COMMERCIAL	FTS
Arizona Weather Service Office	2633 E. Buckeye Road, Phoenix, AZ 85034 DG Mailing Address **FWXPHX:R03F12A**			
Bob Berkovitz	Fire Wx. Forecaster	602	*261-3596	*261-3596
Craig Ellis	Asst. FireWx.Fc'str	602	*261-3599	*261-3599
Public Service Information and General Weather Forecasts		602	261-4000	261-4000
New Mexico Weather Service Office	P.O. Box 9025, Albuquerque, NM 87119 DG Mailing Address **FWXABQ:R03A**			
Roy Pennington	Fire Wx. Forecaster	505	*766-3581	*474-3581
Jim Fling	Asst. FireWx.Fc'str	505	*766-2170	*474-2170
Boyd White	Meteorologist	505	243-0702	
		505	842-0557	
Oklahoma Weather Service Office		405	685-5759	749-2582
		405	*685-1165	749-4155
Texas Weather Service Office		817	334-3451	334-3451
		817	*334-3401	*334-3401
RAWS HELP		208	389-2745	554-2745
AFFIRMS User Support **(Identify yourself with Client ID of "AFFIRMS")**		**1-800**	**638-8730**	
National Bureau of Standards, **(Time Check)**		303	**499-7111**	

* = Unlisted Numbers, Do Not Give Out

FROM FTS NUMBERS DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

59.1 - Federal Aviation Agency and Kirtland Air Force Base MAY 88

NAME	POSITION	OFFICE TELEPHONE COMMERCIAL	FTS
Air Route Traffic Control Center - Albuquerque			
Switch Board		505 823-0300	476-0300
Flight Restriction Request		505 823-0500	476-0500
		or 505 823-0506	476-0506
Military Operations Specialist		505 823-0591	476-0591
		or 505 823-0547	476-0547
Flight Standards District Office - ABQ		505 247-0156	474-2058
Control Tower - Albuquerque International Airport			
		505 764-6900	474-2899
		505 844-5993	
Flight Service Station - Albuquerque		505 243 7831	474-2055
Flight Service Station - Prescott, AZ		1-800-992-7433	
Flight Service Station - Gallup, NM		505 722-4308	571-9342
Flight Standards District Office - PHX		602 251-2561	261-2561
Arizona Emergency VHF Communications			
Los Angeles - (0730-1600)		213 297-1342	984-1342
FAA Duty Officer (After hours)		213 772-5711	796-3200
New Mexico Emergency VHF Communications			
Ft. Worth - (0730 - 1600)		817 624-5467	734-5467
After Hours Duty Officer		817 624-5006	734-5006
Air Route Traffic Control Center - Los Angeles (Palmdale)			
Temporary Flight Restriction Requests			968-8203
Air Route Traffic Control Center - Denver			
Temporary Flight Restriction Requests			8-303-651-4248
Kirtland Air Force Base			
Base Operations		505 844-9749	
Operations Center (Command Post)		505 844-9746	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

59.2 - Commercial Air Carriers / Charter Companys / SATO NOV 88

		OFFICE TELEPHONE	
COMPANY NAME		COMMERCIAL	FTS
America West Air Lines	Reservations	505 247-0737	
	Air Freight	505 842-4156	
	Small P'kg Express	505 842-4037	
American Air Lines	Reservations	505 242-9464	
	Air Cargo	505 243-4499	
	Baggage Service	1-800 334-7400	
Branith Air Lines	Reservations	1-800 272-6433	
	Baggage Service	505 842-4926	
Continental Air Lines	Reservations	505 842-8220	
	Air Cargo	505 842-4156	
	Baggage Service	505 842-4205	
Delta Air Lines	Reservations	505 243-2794	
	Air Cargo	505 842-4466	
	Baggage Service	505 842-4477	
Eastern Air Lines	Reservations	505 842-5240	
	Air Freight	505 842-4322	
	Baggage Service		
Mesa Air Lines	Reservations	1-800 637-2247	
	Air Freight	505 842-4018	
PSA	Reservations	505 243-8461	
	Air Freight	505 842-4913	
	Baggage Service	505 842-4911	
Ross Aviation	Reservations	505 844-1885/1198/2811	
	Air Freight	505 842-4146	
Southwest Air Lines	Reservations	505 831-1221	
	Baggage Service	505 842-4132	
TWA	Reservations	505 842-4010	
	Air Freight		
United Air Lines	Reservations	505 242-1411	
	Air Freight	1-800 631-1500	

COMPANY NAME	OFFICE TELEPHONE COMMERCIAL	OFFICE TELEPHONE FTS
AERO WEST	505 842-7001	
CUTTER AVIATION	505 842-4184	
DOUBLE EAGLE AVIATION	505 821-7777	
MUELLER AVIATION	505 842-4266	
NEW MEXICO FLYING SERVICE	505 842-4000	
SEVEN BAR FLYING SERVICE	505 842-4946	
UNIVERSAL CHARTER	505 884-0400	
GRAND CANYON AIR LINES	602 638-2463	
Phoenix Executive Terminal	602	
Tucson Executive Terminal	602 294-3406	
Albuquerque Airport Manager	505 842-4066	
SATO (Downtown)	505 842-6585	
SATO (Central Reservation Center)	**505 242-1300**	

FROM FTS PHONES DIAL 8, AREA CODE AND 7-DIGIT COMMERCIAL NUMBER

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 60 - PERSONNEL

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60.61 - INDIVIDUAL OVERHEAD

A. ICS Incident Positions. Refer to Wildland Fire Qualification Subsystem Guide (310-1); Southwest Area Mobilization Plan Section 23.1, and the Fireline Handbook. Data and information not found in these or similar publications concerning overhead positions may be entered into this chapter to aid in the dispatching of overhead personnel.

1. Special Agents. Special Agents (Investigators) are assigned to handle cases or investigations on specific forests. Depending on where needed, the agents to contact are:

Albuquerque Zone Cibola Lincoln	**Ben Tafoya** Business Phone: FTS 476-3362 Commercial: (505) 842-3362 Home Phone: (505) Albuquerque, NM DG: Radio Call Sign: RO-51
Silver City Zone Apache Gila Coronado	Mel Douglas Business Phone: (505) 388-8309 Home Phone: (505) 538-3570 Silver City, NM DG: M.DOUGLAS:R03F06A Radio Call Sign: RO-53
	Wayne Smith **Business Phone: (505) 388-8309** **Home Phone: (505) 538-3048 Silver City, NM** **DG: W.SMITH:R03F06A** **Radio Call Sign: RO-56**
Flagstaff Zone Sitgreaves Coconino Kaibab Prescott	Dale McCormick Business Phone: FTS 765-7416 Commercial: (602) 527-7416 Home Phone: (602) 527-0962 Flagstaff, AZ DG: D.MCCORMICK:R03F04A Radio Call Sign: RO-55
Phoenix Zone Tonto	Charles A. Mook Business Phone: FTS 768-5309 Commercial: (602) 225-5309 Home Phone: (602) 843-2596 Phoenix, AZ DG: C.MOOK:R03F12A Radio Call Sign: RO-54
Taos Zone Carson Santa Fe	Business Phone: (505) 758-6290 Home Phone: (505) Taos, NM DG: Radio Call Sign: RO-52

a. If resident Special Agent is not available, contact:

Manuel Martinez, Special Agent-in-Charge
Regional Office, Albuquerque, NM
Business Phone: (505) 842-3363, FTS 476-3363
Home Phone: (505) 821-1516
DG: M.MARTINEZ:R03A
Radio Call Sign: RO-50

b. When an agent assigned from another forest is released from an investigation, the Regional Office Law Enforcement Staff should be notified at or prior to the time of release. Arrangements can then be made with the Special Agent-in-Charge for that Resident Special Agent to be assigned to another case, if needed.

2. Law Enforcement Officers.

a. There are now only two types of Law Enforcement Officer recognized in the Forest Service System. They are Law Enforcement Officer (L.E.O) that replaces the old Level IV and Level II Law Enforcement Officer (requires 40 hours training).

b. Forest Service L.E.O's in the Southwest Area and where they are located may be obtained from the Coordination Center.

3. Military Liaison Officers

a. Several individuals in the Southwest Area have been designated as Military Liaison Officers. One should be assigned to work with National Guard or other military organizations when they are mobilized to assist on an incident. Persons to fill this position are available through the Coordination Center.

4. Transportation Planners

a. Individuals have been designated as Transportation Planners and should be called out, as required, to assist on an incident. Persons to fill this position are available through the Coordination Center.

5. Communications Technicians.

a. When ordering Communications Technicians for a fire or incident specify they must have experience with the National Fire Radio Cache System.

6. Interagency Resource Representative (IARR)

a. The IARR postions replaces the Agency Crew Coordinator (AGCO) / Agency Representative (AREP) / (ARCO) positions used in the Southwest Area in 1987/1988. Persons filling the IARR postions have been designated by FS Regional Office letter. At a discussion meeting the following action items were developed. IARR's snould:

1. take a programmable radio with them on fire assignments.

2. have a copy of the latest AD pay plan and keep it available for personal reference.

3. insure that Strike Team Leaders for non-federal engines have documents on pay, guaranteed time, etc. If the Strike Team Leader does not have, make contact thrugh SWCC to obtain.

4. if assigned to a State fire, insure that you have copies of accident forms for both USDI and USDA with you.

5. recognize that Clear Text is Clear Text - not English only. Assist Incident Management Team to cope with this if necessary.

6. remind Crew Representatives that accident/injury documentation must be completed and copies must be brought back to the home unit.

7. insure that USDA form DI-134 is completed for all Native American crew persons injured, regardless of who the hiring authority was, if there is any chance of a need for followup treatment after return home.

8. remember that a formal IARR report is not needed, but Regional Office does need documentation on disciplinary problems, accidents, performance of Crew Representatives, and outstanding performances. Copies of the unit log are more than adequate for most of these if the daily documentation is completed in this format.

9. have copies of OPM's 10/20/87 and Region 3 letter on OWCP compensation.

60.62 - DISPATCHER AND COORDINATOR STANDARDS

A. Refer to Section 23.2 of Mob Plan and National Mobilization Guide, Chapter 60.

60.63 - EMERGENCY MEDICAL SERVICES

A. Unit managers shall identify and provide for needed levels of emergency medical services. This may be provided through local medical care providers or through trained Forest Service personnel.

1. The cost of training FS personnel, up to Basic Emergency Medical Technician qualification, will be borne by the Government. This includes the cost of state or national registry emergency medical technician certification and recertification.

2. Employees functioning in positions formally designated as Emergency Medical Technician (EMT) positions must have current state or national registry certification. Employees providing EMT services in connection with Forest Service or cooperating agency operations may perform these duties at locations outside of their certifying state. (See FSM 6723 for use of prescription drugs.)

B. A Regional Office/Forest Service contract for furnishing of emergency medical services is awarded annually to individual units in Arizona and New Mexico. Services to include basis life-support assistance and treatment and evacuation of seriously injured individuals. Services are limited to those services authorized by state laws for personnel trained and licensed as paramedics and EMTs.

C. Services and equipment shall be ordered through the Coordination Center except when contractor's equipment is located within a Dispatch Zone, orders may be placed by the Zone Dispatcher.

D. Persons ordering services will furnish the following information:

1. Resource Order number.
2. Exact location of camp and name of incident.
3. Estimated number of persons to be in camp.
4. Name of person to contact at camp.
5. The address and telephone number of the payment unit.

E. Lead time. The contractor will be allowed the following lead time for reporting to the incident base:

1. Four hours loading time.
2. One additional hour for each 40 miles.

F. Units under contract

1. St. Johns College Search and Rescue Team
   Camino Cruz Blanca
   Santa Fe, NM 887501

   a. The following individuals have the authority to activate the St. Johns Emergency Medical Team. Call in the order listed:

Herb F. Kincey	(505)	982-8948	
	(505)	982-2624	(mobile phone)
Tom Donihi	(505)	982-8742	
		988-8080	
Ralph Pardington	(505)	988-5174	(home)
	(505)	473-6337	(business)

2. Paramedics Unlimited Life Support Medical Transport
   PO Box 11186 **ATTN: Grep Tope**
   Phoenix, Arizona 85061
   (602) 253-0549

   a. 24-hour answering service. Answering service has list of names to contact when services are ordered.

60.64 - CREWS

A. Interagency Hotshot Crews (Type I). **Operational procedures and equipment requirements for Type 1 crews will be found in the Interagency Hotshot Crew Operations Guide**. (See also R3 Mob Plan, Section 23.3; FSH 5109.32; and FSM 5134.2, Region 3 Supplement 157)

Crew Name	Forest/ Agency	Crew Superintendent	No. On Crew	Date On	Date Off	Days Off
Heber	ASF	Chris Duros	20	5-08	9-24	Tue - Wed
Carson	CAF	Chester Romero	18	5-08	9-30	Tue - Wed
Blue Ridge	COF	Daryl Atchison	20	5-15	9-24	Thur- Fri
Flagstaff	COF	Walker Thornton	20	5-08	9-30	Mon - Tue
Mormon Lake	COF	Jessie Tisino	20	5-22	9-24	Wed - Thur
Silver City	GNF	Kevin Joseph	20	4-25	9-10	Sun - Mon
Negrito	GNF	Jerome McDonald	20	5-02	9-29	Fri - Sat
Smokey Bear	LNF	Bobby Lamay	18	4-01	9-15	Thur- Fri
Sacramento	LNF	Ricky Smith	19	4-15	9-01	Tue - Wed
Prescott	PNF	Tony Sciacca	20	4-25	9-15	Thur- Fri
Santa Fe	SNF	Allen Gillette	20	4-25		Thur- Fri
Globe	TNF	Wilbur Belvado	18	4-24	9-10	Wed -Thur
Payson	TNF	Fred Schoeffler	18	5-02	9-29	Mon - Tue
Pleasant V'ly	TNF	Jeff Prevey	18	5-22	9-24	Fri - Sat
Fort Apache	FAA	Ralph Thomas	20	3-28	9-30	Thur
Mescalero	MEA	Steve Rowe	20	3-13	9-01	Wed - Thur

1. **When Type I Crew Strike Team orders are filled, one of the Crew Superintendants shall fill the position of Strike Team Leader.**

2. Get-away times for hotshot crews in the Southwest Area are:

a. During duty hours - leave station or work site within 30 minutes after dispatch order is passed to the crew superintendent.

b. During off-duty hours - leave station within 2 hours after dispatch order is passed to the crew superintendent.

(1) Crews on days off shall be given opportunity to respond to dispatch requests but must be able to mobilize and meet this get-away time or should not be considered to fill the order.

3. Tools and Equipment

a. Handtools shall be taken with the crew to incidents in the Southwest Area. Normally, when hotshot crews are transported by air within the Southwest Area their assigned ground transportation will be dispatched to the incident.

b. Unless specifically requested, Type I crews shall not take hand tools on aircraft when on assignment outside the Southwest Area. Each crew may take four sawpacks and chaps on an assignment.

c. Minimum and optional items checklist is located in the Fireline Handbook, Page 10-5.

B. Type II Crews

1. Interagency Regular Crews. Interagency crews from each zone has been identified and will be dispatched in regular rotation to incidents both in and out of the Southwest Area.

2. Southwest Firefighter (SWFF) Crews. A specific number of SWFF crews are designated and available for dispatch from each organization. This number should not be exceeded until all SWFF crew organizations have reached their assigned maximum level or have stated they cannot reach that level and all available hotshot and interagency regular crews have been committed.

3. Agency Regular Crews. Several Forest Service and Bureau of Indian Affairs units can mobilize crews for needs within or outside of the Southwest Area. These crews will not be included in the rotation schedule with Southwest Firefighters or Interagency Regular Crews. Discretion should be used in dispatching these crews as using them drastically cuts down on the number of Overhead we would have available.

4. Type II Interagency Regular and SWFF Crew location List

a. Guidelines and information on Type II crews available for dispatching IAW the rotation list.

DISPATCH UNIT	ADMINISTERED BY	NAME OF CREW	NO. CREWS	ASSEMBLY POINT	AIRPORT LOCATIONS	TRAVEL TIME IN HOURS*
WMAZ Apache-Sitgreaves	Interagency	Apache-Sitgreaves IA	1	Springerville AZ	Winslow	3
					Flagstaff	5
					Phoenix	6
					Albuquerque	
NEAZ Coconino	Interagency	Coconino IA	1	Flagstaff AZ	Flagstaff	2
					Winslow	2
					Phoenix	4
NEAZ Coconino	USFS-COF Coconino	Navajo Native American	5	Rock Point AZ	Winslow	3
					Flagstaff	5
					Albuquerque	6
					Phoenix	9
NEAZ Coconino	USFS-COF Coconino	Hopi Native American	2	Second Mesa AZ	Winslow	2
					Flagstaff	3
					Phoenix	6
SEAZ Coronado	Interagency	Coronado IA	1	Tucson AZ	Tucson	1
					Phoenix	3
SEAZ Coronado	USFS-CNF Coronado	Tohono O'Dham Native American	1	Sells AZ	Tucson	2
					Phoenix	5
NWAZ Kaibab	Interagency	Kaibab IA	1	Williams AZ	Flagstaff	1
					Phoenix	4
NWAZ Kaibab	BIA-TCA Truxton Canyon	Hualapai Native-American	2	Peach Springs AZ	Flagstaff	3
					Phoenix	5
					Kingman	1
					Reno, NV	3
WAZ Prescott	USFS-PNF Prescott	Yavapai-Apache Native-American	1	Camp Verde	Phoenix	3
CAZ Tonto	Interagency	Tonto IA	1	Phoenix, AZ	Phoenix	2
CAZ Tonto	BIA-SCA San Carlos	San Carlos Native American	6	San Carlos or Bylas, AZ	Globe	1
					Phoenix	4

Note: For crewmembers hired at Bylas, Arizona, add 1 hour to travel times.

***NOTE: TRAVEL TIME IN HOURS IS AFTER MOBILIZATION ADD 3 HOURS FOR MOBILIZATION TIME.**

DISPATCH UNIT	ADMINISTERED BY	NAME OF CREW	NO. CREWS	ASSEMBLY POINT	AIRPORT LOCATIONS	TRAVEL TIME IN HOURS*
NNM Carson	Interagency	Carson IA	1	Taos, NM	Santa Fe Albuquerque	2 5
NNM Carson	USFS-CAF Carson NF	Taosenos Hispanic	4	Taos, NM	Santa Fe Albuquerque	3 5
NNM Carson	BIA-JIA Jicarilla	Jicarilla Native American	2	Dulce, NM	Santa Fe Albuquerque	4 6
NNM Carson	USFS-CAF Carson	Penasco Hispanic	4	Penasco NM	Santa Fe Albuquerque	2 4
NNM Carson	USFS-CAF Carson	El Rito Hispanic	3	El Rito NM	Santa Fe Albuquerque	2 4
NNM Carson	USFS-CAF Carson	Hondo-Seco Hispanic	1	Arroyo Hondo NM	Santa Fe Albuquerque	4 6
NNM Carson	USFS-CAF Carson	Questa Hispanic	3	Questa NM	Santa Fe Albuquerque	4 6
NNM Carson	USFS-CAF Carson	Canjilon Hispanic	1	Canjilon NM	Santa Fe Albuquerque	3 5
CNM Cibola	Interagency	Cibola IA	1	Albuquerque NM	Albuquerque	2
CNM Cibola	USFS-CIF Cibola	Magdalena Mixed	3	Magdalena NM	Albuquerque	4
CNM Cibola	BIA-ZUA Zuni	Zuni Native American	10	Zuni NM	Gallup Albuquerque	2 5
CNM Cibola	USFS-CIF Cibola	Acoma Native American	4	Acomita NM	Albuquerque	3
CNM Cibola	USFS-CIF Cibola	Laguna Native American	2	Laguna NM	Albuquerque	3
SWNM Gila	Interagency	Gila IA	1	Silver City NM	Silver City Albuquerque	1 6
SENM Lincoln	Interagency	Lincoln IA	1	Alamogordo NM	Alamogordo Albuquerque	1 5
SENM Lincoln	BIA-MEA Mescalero	Mescalero Native American	2	Mescalero NM	Alamogordo Albuquerque	2 5

DISPATCH UNIT	ADMINISTERED BY	NAME OF CREW	NO. CREWS	ASSEMBLY POINT	AIRPORT LOCATIONS	TRAVEL TIME IN HOURS*
NCNM Santa Fe	Interagency	Santa Fe IA	1	Santa Fe NM	Santa Fe Albuquerque	1 2
NCNM Santa Fe	BIA-NPA Northern Pueblos	Taos Snowballs Native American	2	Taos NM	Santa Fe Albuquerque	3 5
NCNM Santa Fe	USFS-SAF Santa Fe	Mora Hispanic	4	Mora NM	Las Vegas Santa Fe	2 4
NCNM Santa Fe	USFS-SAF Santa Fe	Las Vegas Hispanic	2	Las Vegas NM	Las Vegas Santa Fe Albuquerque	1 2 4
NCNM Santa Fe	USFS-SAF Santa Fe	Santo Domingo Native American	6	Santo Domingo NM	Santa Fe Albuquerque	2 2
NCNM Santa Fe	USFS-SAF Santa Fe	Jemez Native American	3	Jemez NM	Santa Fe Albuquerque	2 2
NCNM Santa Fe	USFS-SAF Santa Fe	Zia Native American	1	Zia, NM	Santa Fe Albuquerque	2 2

* NOTE: **TRAVEL TIME IN HOURS IS AFTER MOBILIZATION**
ADD 3 HOURS FOR MOBILIZATION TIME

5. Dispatching Procedures for Type II crews.

a. For assignments within or immediately adjacent to the Southwest Area, crews closest to the incident will normally be dispatched first. Except when agencies within Dispatch Zones work directly with each other to order crews in their respective zones, requests for crews shall be through the Coordination Center to the zone office to unit administering the crews. Agency regular crews will not be mobilized for assignments out of the Southwest Area until all SWFF and Interagency Regular Crews are committed.

b. To facilitate crew movement and travel arrangements each crew will consist of a minimum of 18 but not more than 20 persons, including Crew Boss or Superintendent, Crew Representative, and trainees, if assigned.

6. No Forest or Agency should break down a SWFF crew for smokechasing unless a qualified employee is assigned with each group sent out. At no time should SWFF crew members be sent out without this leadership.

7. Mobilization Instructions

a. Crew superintendents and crew representatives shall be familiar and ensure compliance with FSM 5134.2, Supplement 157.

b. Crews should have at least 6 copies of the Passenger and Cargo Manifest and all other paperwork completed prior to arrival at the staging area or airport of departure. **Personnel weights are entered seperately from baggage/equipment weights. Do not enter personnel or baggage and equipment weights when going to a mobilization center. This will be done there.** An individuals personal gear weight shall not exceed 35 pounds; web gear maximum weight of 20 pounds. Total crew weight (personnel and equipment) shall not exceed 4,800 pounds. Crew members are limited to one soft pack and all items must be inside of the pack, not attached outside.

c. No powersaws or handtools will be sent with SWFF or Interagency Regular Crews. If powersaws or tools are needed, order seperately as an equipment item. Chain saws or other equipment with fuel tanks and fuel carrying containers must be emptied and purged with an inert gas, such as "Purge" (commercial trade name) prior to loading on aircraft. To avoid delays in loading aircraft this should be done prior to arrival at the airport or mobilization center.

d. Fusees may be transported in aircraft when in their designated boxes and so marked. When a crew is transported by air, fusees shall NOT be carried in backpacks .

e. When proceeding to a mobilization center, establish radio or telephone contact with the Forest or agency controlling the center when 30 minutes to an hour away from the city/town where the mobilization center is located.

(1) Home unit dispatchers must ensure crew superintendent has the phone number and radio frequency of the forest or agency crew is to contact.

(2) Tonto NF dispatch office has the ability to transmit and receive on 168.350 (Crew Net). Chief-of-party and crew superintendents should utilize this frequence to contact TONTO DISPATCH.

f. Vehicles shall be fueled and cleaned out before going to the mobilization center. Do not leave lunches, open soda and food cans in vehicles. Notify the Staging Area Manager if unable to fuel the vehicles and if there are any maintenance problems that need to be taken care of.

g. On arrival, check in immediately with the Staging Area Manager or Coordinator/Load Master. Keep the crew together, preferably inside vehicles, until check-in is completed and a location designated for unloading personnel.

(1) Crews/overhead will normally not be moved from the staging area until the aircraft is confirmed to be on the ground.

h. When vehicles will remain at the air departure point, turn over vehicle keys to mobilization center personnel when requested.

8. Required Item Inventory. Inventory of items required for all Type II and Camp Crew crew members when they depart their assembly point is found in Fireline Handbook, Region 3 Supplement, Page 13-3.9.

C. Camp Crews

1. Camp crews have a maximum of 20 persons, including the Crew Boss and Crew Representative. At times a 10 person crew may be called out.

2. The following Units maintain camp crews as indicated.

Carson National Forest	1
Cibola National Forest	3
Coronado National Forest	1
Fort Apache Agency	1
Santa Fe National Forest	2
San Carlos Agency	1

D. ADO Payment Instructions

1. Instructions for payment of SWFF crews are found in the Interagency Fire Business Handbook, FSH 5109.34, Chapter 10. On arrival, the receiving unit will brief crews on crew time records, on-duty and non-duty status, method of payment, and in what time frame they may expect to receive individual checks if not paid by ADO.

60.65 - RAPELLING AND SMOKEJUMPING CREWS

1. Refer to Section 23.4.

60.66 - SOUTHWEST INTERAGENCY INCIDENT MANAGEMENT TEAMS

A. Teams are made up of members filling the following positions. Any variation from the standard configuration is at the discretion of the requesting unit. Incident management teams will be ordered by configuration (long or short team).

	Short Team	Long Team
Incident Commander	1	1
Safety Officer	1	1
Information Officer		1
Planning Section Chief	1	1
Documentation Unit Leader		1
Resources Unit Leader		1
Fire Behavior Analyst		1
Situation Unit Leader		1
Demobilization Unit Leader		1
Operations Section Chief	2	2
Air Operations Branch Director	1	1
Division/Group Supervisor		4
Air Attack Group Supervisor		1
Air Support Group Supervisor		1
Finance Section Chief	1	1
Procurement Unit Leader		1
Time Unit Leader		1
Compensation/Claims Unit Leader		1
Cost Unit Leader		1
Logistics Section Chief;Multi-Division	1	1
Facilities Unit Leader		1
Supply Unit Leader		1
Ground Support Unit Leader		1
Communications Unit Leader		1
TOTAL	8	28

B. There are a total of 18 Interagency Incident Management Team in the National Rotation.

California	5
Northern Rockies	2
Rocky Mountains	1
Intermountain	3
Northwest	3
Southern	1
Southwest	2
Alaska	1

C. National Overhead Team and Rotation Schedule. The National Team roster consists of two Resource Unit Leader positions but does not include the DOCL, DMOB, and COST positions approved for dispatch in the Southwest Area. These positions must be authorized by NIFCC when dispatched interregionally.

1. The geographic Area that is first in rotation will fill that slot for a maximum period of seven days.

2. At the time (clock hour and day of week) the geographic area in National rotation mobilizes a team nationally, the next geographic area in rotation will be notified and placed in 2 hour call status and will remain in on-call status for the next 7 days commencing at that hour and day of the week. The next 2 teams/geographic areas in rotation will be placed in 8 hour and 24 hour call, respectively.

a. An updated rotation schedule, listing team assignments may be accessed by entering FILE LIST TEAM716 on the command line when in the AFFIRMS program. This rotation will be sent to all units on the DG network by the Coordination Center as changes are made by the National Interagency Wildfire Center.

3. Geographic Areas having no eligible teams available for national assignment must pass.

D. The operating procedures to be used during the fire season, are as follows:

1. Any mobilization, locally or nationally, will be considered as an assignment unless it is cancelled prior to the team actually being mobilized except, those teams which are mobilized but which do not actually receive an assignment will be considered eligible for assignment prior to beginning the second round of team eligability for national assignment.

2. Once a team has been committed to a fire, either internally or nationally, it will remain ineligible for national assignment until all national teams have had an assignment.

3. Areas having two or more teams may commit two teams internally at the same time prior to going to the National rotation.

4. Teams will be considered "ineligible" for national assignment if the primary Incident Commander is unavailable or it is necessary to have more than two substitutions to fill Command/General Staff positions.

5. Areas with more than one team may decide which "eligable" team responds to a National call (the Area must pass if no "Eligible" team can meet the 2 hour call).

6. BIFC Directors retain the authority to adjust the National schedule when necessary to achieve team experience objectives.

E. Southwest Area Intraregional Team On-Call Schedule for 1989.

0001 HOURS	2400 HOURS	TEAM
April 11	April 24	Carson
April 25	May 8	Denton
May 9	May 22	Carson
May 23	June 5	Denton
June 6	June 19	Carson
June 20	July 3	Denton
July 4	July 17	Carson
July 18	July 31	Denton
August 1	August 14	Carson
August 15	August 28	Denton
August 29	September 11	Carson
September 12	September 25	Denton
September 26	October 9	Carson
October 10	October 23	Denton
October 24	November 6	Carson
November 7	November 20	Denton

best copy available

60.67 - SOUTHWEST AREA ZONE INCIDENT MANAGEMENT TEAMS (Ref. 23.5)

A. Each Southwest Area Zone Class II Management Board will establish and document in their respective mobilization plans their standard short and long team configuration.

B. Each Southwest Area Zone Class II Management Board is responsible for management of team on-call schedules. Where only one team is available, the Board shall esta. ish policy for team members to meet on-call/personal time need.

1. There will be 5 Southwest Area Zone Incident Management Teams in Arizona. The following positions on these teams will be dispatched outside of respective zones.

	Short Team	Long Team
Incident Commander	1	1
Safety Officer	1	1
Planning Section Chief	1	1
Documentation Unit Leader		1
Resources Unit Leader		1
Fire Behavior Analyst	1	1
Situation Unit Leader		1
Operations Section Chief	2	2
Air Operations Branch Director	1	1
Finance Section Chief	1	1
Time Unit Leader		1
Logistics Section Chief;Multi-Division	1	1
Facilities Unit Leader		1
Supply Unit Leader		1
Ground Support Unit Leader		1
Communications Unit Leader		1
TOTAL	9	17

a. Arizona Zone Incident Management Teams are made up of a total of 9 memebers on a short team and 17 members on a long team. Units may have configurations different for internal use.

b. Teams will not rotate on call. Alternates will be identified to the extent qualified people are available.

2. There will be 3 Interagency Zone Teams in New Mexico.

MOBILIZATION GUIDE

CHAPTER 70 - EQUIPMENT

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70.1 - REGIONAL FIRE EQUIPMENT

A. Items available from Regional and Agency fire caches are listed in the Southwest Area Interagency Fire Equipment Catalog (NFES 6008).

B. Information on equipment items and ordering procedures are included in this chapter. Unless otherwise specified these items shall be ordered, using the Resource Order Form, through normal dispatch channels to the Southwest Interagency Coordination Center.

70.2 - NATIONAL FIRE RADIO CACHE (Ref. National Mobilization Guide, Sec. 24.2 and SW Area Mob Plan Sec. 24)

A. For a complete inventory of radio equipment in the NFRC system and catalog numbers needed for ordering systems, refer to the National Fire Equipment Systems (NFES) Fire Supplies and Equipment Catalog.

1. The NFRC ICS Communications Equipment Catalog contains detailed information on contents of NFRC ICS Command (starter) VHF System, Logistics UHF System and other radio kits and contains complete instructions on how to order them.

2. The NFRC Operational Guide contains instructions on management and dispatch of communications systems, system identification, and a complete discussion on how best to use the radio systems. It also contains information on the ICS Command System (VHF) and Logistics System (UHF) frequencies.

B. Command and Logistics Starter Systems are prepositioned in Phoenix, Arizona from March 1 through November 30, and in Albuquerque, New Mexico from March 1 through July 15. Arizona will initially have a Command One (C1) System and New Mexico will have a Command Three (C3) System in place. In event of multiple incidents in either state a Command Two (C2) System may be ordered thru NIFCC. The same command system (C1, C2, or C3) may be used on another incident without interference if there is 75 to 100 miles seperation between incidents.

1. Boxcar type and lead seals for the radio shipping boxes are located in the Communication Unit Leaders Kit which is located in smallest numbered Tactical Division Radio Kit.

2. When no longer needed for the incident, the unit using the radio cache shall expeditiously box up and arrange for transportation of the radio cache from their unit direct to the National Interagency Wildfire Center at Boise. Unless otherwise directed, use "Commercial Air Freight" as the normal means for returning radio systems to Boise for refurbishing. Depending on committments of national systems, we may need to send direct to Boise via charter aircraft.

70.3 - DATA GENERAL KIT / SATELLITE UNIT

A. When ordering this equipment it is better to prewire the order. Notify the Coordination Center as early as possible of the order. The Coordination Center will call Charlie Rodgers or Steve Simon in Region 1, explaining that an order is being placed and request they start working on equipment needs, get 1 manager and 2 operators. They will work with us on voice lines (telephone lines) availability and advise if we should order the satellite along with the computer kit.

B. The order will be placed through the Coordination Center to NIFCC for the Region One #6120 Computer Kit w/manager and 2 operators on an Equipment resource order form.

70.4 - INFRARED EQUIPMENT

A. Several different types of infrared equipment are available. It is very important to know the requirements and capabilities of each type of equipment and to know which equipment local operators are qualfied to operate. When ordering, specify on the resource order form which type of equipment you want. Whenever a qualified operator is not available from the ordering unit, an operator shall be ordered along with the equipment. To increase the number of personnel qualified to operate the equipment, utilizing an operator trainee is recommended.

1. FLIR (Forward Looking Infrared) Hand held, portable unit that may be used from a vehicle, aircraft, or helicopter. This unit is available through normal dispatch channels to the Boise Cache.

a. The receiving unit shall be notified of services or other equipment that may be needed on arrival. This may include locating a source of liquid nitrogen (medical supply houses and/or welding shops), monitoring equipment, extra video tape, etc. The ordering unit will normally be responsible for locating and/or purchase of liquid nitrogen needed to operate the FLIR unit.

b. A "doer" bottle (5 liter) is available from either Catagory I fire cache for liquid nitrogen. A "doer" bottle is also included with the FLIR unit. Based on the arrival time of the FLIR equipment, the ordering unit must decide on ordering the empty cache "doer" bottle or waiting for the arrival of the FLIR unit before purchasing the liquid nitrogen.

2. ISI Video Therm 91. A hand-held portable infrared unit that may be used on foot, from a vehicle, aircraft, or helicopter is available from the Kaibab National Forest. It is totally electric and requires no compressed gasses. The system consists of:

A handheld or tripod mount camera,
Belt pack batteries,
Video tape recorder (1/2" VHS) that can also supply power to the camera,
Remote monitor for passenger or reviewing tapes,
25 mm lens for viewing on the ground,
50 mm lens for viewing from an aircraft,
Cables to connect to any available TV or monitor,
Built-in profile generator which helps to identify questionable heat sources through an on-screen graph and triggers a visible or audible alarm if a specified temperature setting is exceeded.

a. This unit is best used from some type of aircraft (rotor-wing preferable). Improper on-the-ground use may result in damage to the lens from surveying areas at close range that are too hot. This equipment has been used several times on underground landfill fires. A trained operator for this operation is available if needed.

b. The filming capabilities, 50mm lens, and sensitivity of this unit make it excellent for aerial filming and subsequent mapping of the fire perimeter, locating hot spots adjacent to the line, and any spot fires below the canopy. Its ideal use is from a helicopter with the door removed, with someone from the local unit in the back seat. This local individual views the external screen and narrates (on the video tape) the location of the recorded view and any highlights that are viewed. The operator that is furnished with the IR unit does the filming, directs the flight to meet the objectives, and on-the-ground (through the use of the tape, VCR and monitor) maps the fire and presents the results to the Situation Unit Ldr.

c. Resource orders for this equipment shall be placed through normal channels to the Kaibab National Forest. A qualified operator will be sent with the equipment.

3. Airborne Thermal Infrared Fire Mapping Unit. Available through National Interagency Wildfire Center.

a. Equipment is mounted in an aircraft and, when ordered, the equipment, aircraft and an infrared crew are sent as a package. Each IR crew consists of the pilot, co-pilot, and operator/technician. When ordering this unit refer to and fill out the "Infrared Aircraft Scanner Order". See Section 26.10 of the Southwest Area Mob Plan.

b. An Infrared Interpreter with transportation, maps of the fire area and a light table should be ordered to meet the incoming IR aircraft at the airport specified. This individual will work at the Command Post with the Situations Unit Leader or Planning Section Chief.

70.5 - AIR TRANSPORTABLE MOBILE UNIT (ATMU) (Refer to National Mobilization Guide, Section 24.5 and Section 73)

A. A mobile weather unit is located at Phoenix on a year-round basis to provide weather information on incidents or on project control burns. Other units may be ordered through the National Interagency Fire Coordination Center.

1. **An order will be placed with SWCC for an ATMU on an equipment request. The meteorologist will be requested on an overhead request.**

a. For incidents in Arizona, the Arizona fire weather forecaster will normally bring the equipment with him.

b. For incidents in New Mexico, **the equipment located at Phoenix, when available, will be sent.** If the Phoenix equipment is unavailable, the equipment will be ordered from NIFCC. The forecaster will normally come from the New Mexico Weather Service.

c. **The ATMU is made up of 7 pieces, total weight 392 pounds, total volume 37.7 cubic feet.**

2. The requesting incident must provide the following when an ATMU is ordered:

a. Adequate Shelter. The instruments are sensitive to dust and moisture. Shelter should be enclosed, wind proof, and dust free.

b. Helium. A half bottle, available from large welding supply shops must be supplied.

c. Power. 2000 Watts of 60 cycle, 110 volt power is needed.

d. Display Board. A bulletin board or magnet board 4 ft. x 4 ft.

B. Requests for National Weather Service personnel and/or equipment to provide assistance on incidents or prescribed fire projects must be documented on a Resource Order. Ordering units are responsible for sending their Budget and Finance Section a copy of the Resource Order for obligation purposes. This must be done for both suppression and presuppression activities. This is necessary as the National Weather Service only bills once or twice a year and B&F needs to obligate the appropriate funds.

70.6 - MICRO-RAWS / PROTABLE RAWS (REMOTE AUTOMATIC WEATHER STATIONS)

A. Several Micro-RAWS (Micro-Remote Automatic Weather Station) are located throughout the Southwest Area. The Micro-RAWS is designed to measure and log precipitation, air temperature, fuel temperature, wind direction and speed, relative humidity, battery voltage, and fuel moisture. The system can be programmed to take measurements as often as required by the project. It includes the necessary radio equipment to access the weather data via the voice synthesizer and is adaptable to both Unit radio systems and the National Interagency Wildfire Center radio cache equipment. Wildland fire suppression is a priority use but the platform is available for prescribed burn projects. Some units also has the capability of relaying metering data via GOES satellite.

1. Known Micro-RAWS locations in the Southwest Area

Unit	Location	Voice	GOES	Remarks
Coronado NF	Tucson, AZ	Y	Y	2 units
Kaibab NF	**N. Kaibab RD**	**Y**	**Y**	
Kaibab NF	**Williams, AZ**	**Y**	**Y**	**2 units**
Lincoln NF	Alamagordo, NM	Y	Y	
SW Area, SWCC	Williams, AZ	Y	Y	Mobile unit

B. Portable RAWS stations, having the same capabilities as the Micro-RAWS stations, may be ordered from the National Interagency Wildfire Center through the Coordination Center using the Resource Order Form. These National systems work well in wilderness and other back-country areas.

70.7 - WEATHER STATION FUEL MOISTURE STICKS

A. Fuel moisture sticks will be ordered from the Boise Fire Cache on a requesition thru local Purchasing Unit. NFES number is 0098. Stick, Fuel Moisture; set of 4; ordered as SETs.

70.8 - MOBILE FOOD SERVICE AND SHOWER UNITS

A. Information on Mobile Food and Shower Units, travel times, etc. can be found in the Food Catering Services and Portable Shower Facilities booklet (NFES #1276) distributed by NIWC annually.

1. When ordering mobile food units, dispatchers should check the National Mobilization Guide, Section 24.6 for guidelines and use the Food Service Request form, (see Section 26.8) for ordering. All

orders for mobile food units and/or portable shower units will be placed through dispatching channels to NIFCC.

2. In the Southwest Area catering units are normally in place at Albuquerque, NM and at Flagstaff, AZ during the fire season. **Catering units are also located in Las Vegas, NV and Kanab, UT. Shower units are in place in Flagstaff, AZ (2 units), Prescott, AZ (1 unit) in Mesa, AZ (1 unit), and in Albuquerque, NM (1 unit).**

B. When non-contract caterers, force account kitchens, and other food service organizations are utilized, national contract specifications will be used as guidelines to assure firefighters receive adequate, nutritious, and safe meals.

1. Mobile kitchens available in the Southwest Area

a. San Carlos Agency has a mobile kitchen, consisting of 3 trailers with complete cooking facilities, available for use on smaller incidents. Cooks and kitchen help are available with the unit.

b. Tonto NF has a small kitchen unit at Mesa RD, capable of feeding 50 to 75 persons. Usually sent out with a San Carlos camp crew who cook and take care of the kitchen.

70.9 - TERRA TORCH

A. Terra torch operations are to adhere to current BLM operational and safety procedures. The following lists the location of terra torches within the Southwest Area.

AGENCY/FOREST	LOCATION
Arizona BLM	Strip District Phoenix District
New Mexico BLM	Albuquerque District Santa Fe State Office
Carson NF	Taos, NM
Coronado NF	Sierra Vista RD

1. **Coronado NF policy is to treat the terra torch as a module. An order for the unit will include an operator crew.** When the **torch goes off-district or off-forest the crew is responsible** for the **supervision of the entire operation. This includes** mixing and **operation. If the crew feels comfortable** in supervising the **actual operation of the torch during burning** (by trained operators) **this is within the policy, but the actual mixing,** cleaning, testing, **etc. shall be done only by the crew.**

70.10 - HELITORCH (AERIAL DRIP TORCH)

A. Helitorchs (Aerial Drip Torch) located in the Southwest Area.

AGENCY/FOREST	LOCATION
Arizona BLM	Strip District (2) and at Phoenix District
Coronado NF	Tucson, AZ and at Douglas Ranger District
Lincoln NF	Alamagordo, NM
Prescott NF	Prescott, AZ
*Tonto NF	Payson Ranger District

1. Dispatch of the helitorch from Coronado NF can be ordered with either Coronado NF helicopters. Each helitorch module has a fuel trailer, Rucker with 80 gallon and Sabino with 200 gallon.

***2. No fuel will go out with the Tonto NF helitorch located at Payson.**

70.11 - PREMO MARK III AERIAL IGNITION DEVICES

A. Aerial Ignition Devices located in the Southwest Area.

AGENCY/FOREST	LOCATION
BIA Albuquerque Office	Albuquerque, NM
Carson NF	Taos, NM
Coronado NF	Tucson, AZ
Coronado NF	Rucker, AZ
Gila NF	Gila Center, MN
Kaibab NF	Williams, AZ
Lincoln NF	Alamagordo, NM
Prescott NF	Prescott, AZ
Tonto NF	Payson, AZ

1. Coronado NF. When dispatched within the Southwest Area the helicopter will be dispatched with the dispenser and at least 5000 balls, unless requested otherwise. Each helitack crew will have at least one gallon of ethyl glycol with the helitack truck.

2. Gila NF. Helitack crew will take the AIDS and 5000 balls with them when dispatched to any incident within the Southwest Area.

3. Kaibab NF. Normal dispatch will have AIDS and 5000 balls in support truck.

4. Tonto NF. 5000 balls will be dispatched with the AIDS machine.

B. There are 20,000 balls (spheres) located in the caches at Marana and Silver City. There are 30,000 balls at the Lincoln NF Fire Cache located at Alamagordo,NM. BIA Albuquerque Area Office has 10,000 balls located at the SPA cache in Albuquerque.

1. Loaded balls are not flammable nor combustable and can be shipped in the cardboard container by UPS, etc. Commercial air carrier may still refuse to transport the balls.

C. Guidelines covering organization, position requirements, etc. are found in FSH 5709.12.

70.12 - WULFSBERG TRANSCEIVERS, CONTROL HEADS, AND TRANSPORT CASES

	Number of	Control Heads		Transport
Forest	Transceivers	C-961	C-962	Cases
Apache-Sitgreaves	7	4	3	2
Carson	1	0	1	1
Cibola	2	2	2	1
Coconino	3	2	2	2
Coronado	6	4	3	2
Gila	8	7	2	2
Kaibab	5	3	2	2
Lincoln	5	4	2	1
Prescott	4	2	2	2
Santa Fe	4	2	2	3
Tonto	7	4	4	4

70.13 - ENGINES

A. All engines will be dispatched with the number of personnel specified in the Fireline Handbook whenever possible. This is normally **two persons with Type 8 engines, three with Type** 5, 6, or 7 engines. **Requests to "double crew" engines should be made when the resource order is first placed to ensure availability of personnel.**

B. **Number of engines,** by type, available in the Southwest Area. Reference Fireline Handbook for "Type" description.

	Type 5 (1000 gal)		Type 6 (Mdl 70/71)		Type 7 (Model 50)		Type 8 (Model 20)	
1. Arizona	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2
Apache Sitgreaves NF	0	0	0	7	0	2	4	8
Coconino NF	0	0	0	4	0	1	4	10
Coronado NF	0	0	0	0	0	0	9	0
Kaibab NF	0	0	0	4	0	0	4	2
Prescott NF	0	0	0	2	0	0	5	1
Tonto NF	0	0	0	2	0	4	10	4
BLM Arizona Strip Dist	0	0	1	0	0	0	3	0
BLM Phoenix District	**0**	**0**	**1**	**0**	**0**	**0**	**2**	**1**
BLM Safford District	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
BLM Yuma District	0	0	0	1	0	0	2	0
BIA Fort Apache Agency	0	1	0	6	0	0	0	0
BIA Hopi Agency	0	0	0	0	0	0	1	0
BIA Navajo Agency	0	0	0	0	0	0	5	1
BIA Papago Agency	0	0	1	0	0	0	2	0
BIA Pima Agency	0	0	0	1	0	0	0	0
BIA San Carlos Agency	0	0	0	2	1	0	2	0
BIA Truxton Canyon Agency	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
BIA Yuma Agency	0	0	1	0	0	0	2	0
NPS Grand Canyon	0	0	0	0	0	0	3	0

BLM AZ STRIP - one Type 8 is UNIMOG.
one Type 8 is WEPS unit.
Tonto NF - one Type 6 has foam capability
- two Type 7's are WEPS units.
- one Type 8 is CAFS unit.

	Type 5 (1000 gal)		Type 6 (Mdl 70/71)		Type 7 (Model 50)		Type 8 (Model 20)	
2. New Mexico	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2
Carson NF	0	0	0	0	0	0	5	2
Cibola NF	0	0	0	1	0	0	3	4
Gila NF	0	0		1	0	0	4	4
Lincoln NF	0	0	0	2	3	0	3	0
Santa Fe NF	0	0	0	0	0	0	6	4
BLM Albuquerque District	1	0	0	0	0	0	4	0
BLM Las Cruces District	0	0	0	0	0	0	2	0
BLM Roswell District	0	0	0	0	0	0	3	0
BIA Jicarilla Agency	0	0	0	0	0	0	2	0
BIA Laguna Agency	0	0	0	0	0	0	0	1
BIA Mescalero Agency	0	0	0	1	0	0	3	0
BIA Northern Pueblos Ag'cy	0	0	0	0	0	0	0	2
BIA Ramah Navajo Agency	0	0	0	0	0	0	0	1
BIA Southern Pueblos Ag'cy	0	0	0	0	0	0	2	0
BIA Southern Ute Agency	0	0	0	0	0	0	0	0
BIA Ute Mountain Agency	0	0	0	0	0	0	0	0
BIA Zuni Agency	0	0	0	0	0	1	1	0
FWS Bitter Lake	0	0	0	0	0	0	1	0

BLM Albuquerque District - 3 Type 8's are WEPS units
Cibola NF - Type 5 is foam unit.
Carson NF - two Type 8's are mounted on trailers.
Gila NF - one Type 8 is mounted on a trailer, one is WEPS unit on a trailer.

From: EQUIPMENT DESK - SWCC
Date: Sep 05,88 8:39 AM

THERE HAVE BEEN SOME PROBLEMS SHIPPING STRUCTURE ENGINES TO ASSIGNMENTS WHEN THEY WERE NEEDED. TYPE 1, 2, & 3 ENGINES CANNOT DRIVE LONG DISTANCES AT HIGHWAY SPEEDS. BECAUSE THEY MUST BE SHIPPED BY TRANSPORT COMPANY (LOWBOYS) THERE IS A LONG DELAY BETWEEN RECEIPT OF THE ORDER AND THE ACTUAL SHIPPING/DEPARTURE TIME. THESE TRANSPORT COMPANIES ARE LIKE TAXI CABS, THEY SHOW UP TO PICK UP THE ENGINE AS A LOWBOY BECOMES AVAILABLE. SEVERAL ENGINES WERE SHIPPED FROM THE PHOENIX, ARIZONA TO INCIDENTS IN WYOMING AND MOST HAVE TAKEN 3 FULL DAYS TO ARRIVE. COST TO SHIP ENGINES AVERAGES 1.85 PER LOADED MILE PLUS AIR FARE FOR THE CREWS, ETC. DAILY MINIMUM COSTS WHILE WAITING FOR RETURN TRANSPORT IS ALSO VERY EXPENSIVE AND TIES UP AN ENGINE SOMEONE ELSE MAY NEED.

ALSO, SOME ORDERS HAVE BEEN FILLED BUT THE ENGINES WERE NOT NEEDED BY THE TIME THEY ARE DELIVERED. EXAMPLE: TWO ENGINES WERE ORDERED, ARRIVED 3-4 DAYS LATER, AND RELEASED/RETURNED THE NEXT DAY. THE SAME ENGINES WERE ORDERED FOR ANOTHER INCIDENT ABOUT TWO DAYS LATER AND SENT BACK TO NEARLY THE SAME AREA.

70.14 - "CO-ORDINATORS" CREW BUSSES

A. Private company, Co-Ordinators Special Operations, has a fleet of 20-24 passenger "Crew Transport" busses, specifically built for both on and off-road use. These busses are prepositioned in Western United States during the fire seasons. Sights and number of units available are:

Bishop, CA	**1 Unit**	**Porterville, CA**	**4 Units**
Boise, ID	**2 Units**	**Redding, CA**	**4 Units**
Flagstaff, AZ	**6 Units**	**Silver City, NM**	**6 Units**
Las Vegas, NV	**6 Units**	**Springerville, AZ**	**6 Units**
Orange, CA	**8 Units**		

B. Agencies shall order Units thru their Zone Dispatch Offices who will place order to SWCC.

1. **Contact numbers (714) 771-7600**
   (800) FIRE OPS

70.15 - CHARTER BUSSES

A. Charter busses (highway coaches) can be used for manpower movement if the total one-way travel time does not exceed 12 hours. This is usually for trips less than 400 miles, depending upon highway conditions and terrain.

B. Key items to consider before ordering busses are:

1. Highway coaches cannot be used on unimproved roads.

2. Maximum distance for fuel stops is approximately 700 miles.

3. Maximum driver duty time is 15 consecutive hours of which only 10 hours may be spent driving. (Driving time can be stretched to 12 hour for one-way charters)

4. On some charters, routing will have to go through certain cities, called "boards". Be sure to check with the charter company to see if special routing is required as this will change the time and milage.

70.16 - AERIAL PHOTOGRAPHY EMERGENCY SERVICE

A. An emergency service has been set up to secure prints of existing aerial photographs. This service will be provided by the Aerial Photography Field Office in Salt Lake City, Utah. A Unit wishing to order this service will contact their Engineering Section. Ordering procedures will be found under a 7140 Geometronices file.

70.17 - FIRE TOOL SHEATHS AND PAINTING

A. All fire tools at Marana and Silver City Fire Caches, as well as all Forest/Agency Fire Caches, must have fire tools covered with plastic sheaths. This policy is National direction for the safe transportation of fire tools. Units will need to order their sheaths as FFP funds are available or as replacement items on fires. The fire caches at Marana and Silver City do not have a shelf stock of sheaths available.

1. The taping of sharp edges will not be used in lieu of the plastic sheath.

2. The painting of fire tool handles with red paint is no longer required. The Southwest Area standard will be to not paint any fire tool handle.

70.18 - SIMPLEX SEEDER BUCKET

A. Prescott NF has a SIMPLEX SEEDER BUCKET, Model 6300 available for seeding operations as needed. Specifications as follows:

200 lbs. empty weight
23 cubic feet capacity
aproximately 450 lb capacity
11 horsepower gas engine to power seeder
maximum swath width - 120 feet
electic/hydraulic control system
pilot activated switch on helicopter collective/cycle.

B. Operator must go with seeder. Order through normal dispatch channels.

70.19 - USE OF WATER-GEL EXPLOSIVES

A. Temporary approval allowing limited use of water-gel explosives on wildfires in 1989 has been approved. The only water-gel explosive approved for use is Iremite 60, manufactured by Ireco Chemical Company of Salt Lake City, Utah. Approval of the use of Ireco's product is based upon the satisfactory experience gained with Iremite 60 in 1988.

1. The Missoula Technology and Develpment Center is in the process of writing a performance specification for fireline explosives. This specification is expected to be completed in time to qualify explosives for the 1990 fire season.

a. The above from 5130 letter of March 27, 1989 from WO

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 80 - AIRCRAFT CATALOG

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EXHIBITS - STAGING AREAS AND AIRPORT CAPABILITY

80.11 - Authorized Pilot and Aircraft Inspectors In Southwest Area

A. Do Pilot Flight Evaluations & Issue Pilot Cards

	Nelson	Allred	Kim	Woodworth	Twohey	Williams
Small SE & ME	X	X	X	X	X	
Large Transport	X		X		X	
Air Tanker						
Origional	X	X	X		X	
Init. Attack	X	X	X		X	
Water Drops	X	X	X		X	
Helicopter						
Light				X		
Medium & Heavy				X		
Multi-Engine				X		
Rappelling				X		

80.12 - LEAD PLANE / PILOT INFORMATION

A. National Lead Plane Details

Region	Base	Dates	A/C Supplied by	Pilot Supplied by
3	**Silver City**	**5/15 - 7/15**	6	6
3	**Winslow**	**5/15 - 6/15**		
3	**Winslow**	**6/16 - 6/30**	1	1
3	**Winslow**	**7/01 - 7/15**	8	8
3	**Coolidge**	**5/15 - 5/31**	6	6
3	**Coolidge**	**6/01 - 6/15**	1	WO
3	**Coolidge**	**6/16 - 6/30**	4	4
3	**Coolidge**	**7/01 - 7/15**	2	9
6	**Redmond**	**7/16 - 9/15**	3	6
5	**Onterio**	**9/15 - 10/15**	3	3

B. Southwest Area Detail Lead Plane Pilot Day Off Schedule

Location	SUN	MON	TUE	WED	THR	FRI	SAT
Winslow				***	X		
Coolidge			***	X			
Silver City					***	X	

***** = Mandatory day off.** X = Scheduled Day Off

Albuquerque lead plane on duty 7 days during critical fire period. Pilot will be assigned from Regional Aviation Group

C. Lead Plane Pilot, Identifiers, and Qualification Status

1. Forest Service

Pilot	Lead No.	Status	Pilot	Lead No.	Status
Fred Fuch	0-1	Q - M	John Liston	5-0	T
Ed Kral	0-2	Q - M	Reserved	5-1	
David Holly	0-3	T	Bob Clarke	5-2	Q - M
Nels Jensen	0-4	Q - M	Jerry Forsmann	5-3	Q - M
John Eckert	0-5	Q - M	Bill Rice	5-4	Q - M
Gordon Harris	0-6	T	Te[illegible] Wright	5-5	Q - M
Mike Halpin	0-7	T	Leas Dickey	5-6	Q - M
				5-7	
Tom Bohannan	1-0	Q - M	Bill Buckley	5-8	Q M
Mike Davis	1-1	Q - M	Colleen Roberts	5-9	T
Lloyd Hansen	1-2	Q - M	Jackie Thomas	5-10	T
Unassigned	1-3		Gerri Sabastian	5-11	T
Bob Nicol	1-4	Q - M			
Mary Verry	1-5	T	Joe Madar	6-1	Q - M
			Roland Anderson	6-2	Q - M
	2-1		Scott Fairchild	6-3	Q - M
Cathy Roetzler	2-2	T	Gary Peters	6-4	Q - M
			Skip Alderson	6-5	Q - M
Dave Nelson	3-1	Q - M	Dave Hangartner	6-6	Q - M
Bill Allred	3-2	Q - M	Craig Duncan	6-7	T
George Twohy	3-3	Q - M	Karen Bernheim	6-8	T
Henry Kim	3-4	Q - M			
Wayne Nelson	4-0	R	Bill Allison	8-1	Q - M
Ron Bell	4-1	Q - M	Charlotte Larson	8-2	Q - M
Rudy Hartman	4-2	Q - M			
Bob Hendricks	4-3	Q - M			
Dave Russell	4-4	Q - M	Bill Dickson	9-1	T
Jay Thompson	4-5	R	Carlo Palombi	9-2	Q - M
Terry Small	4-6	T			
Gene Wahlstrom	4-7	Q - M			

2. OAS/BLM

Roger Oppendahl	B-1	Q
Jim Deem	B-2	R
Tommy Albert	B-3	Q
Gary Candee	B-4	Q
Jim Pickering	B-5	Q
William Babcock	B-6	Q

3. NV Division of Forestry

Ken Jewkes	N-1	R
Ben Middleton	N-2	R - M

STATUS LEGEND
Q - Qualified
T - Trainee
R - Restricted (Non-Complex)
M - MAFFS

80.21 - AIR TANKER INFORMATION

A. Air tankers based in Arizona

Base Assigned	Contractor	Aircraft Info.		Contract Period	Day Off
Winslow Boise	ARDCO	Super DC-4	T-119	5/11 - 7/11 7/13 - 9/28	Thursday
Winslow Missoula	Macavia	DC-6	T-51	5/03 - 7/12 7/16 - 9/15	Wednesday
Tri Cities Grand Canyon	Macavia	DC-6	T-45	2/24 - 5/08 5/07 - 8/06	 Monday
Prescott	Black Hills Aviation	P2V	T-12	4/26 - 7/23	Friday
Coolidge	Black Hills Aviation	P2V	T-05	5/06 - 8/15	Tuesday
Whiteriver	Hawkins and Powers	Super PB4Y2	T-123	5/15 - 7/15	Tuesday
Whiteriver		B26	T-59	5/01 - 7/31	Wednesday

B. Air tankers based in New Mexico

Base Assigned	Contractor	Aircraft Info.		Contract Period	Day Off
Albuquerque Kalispell	Black Hills Aviation	P2V	T-06	4/28 - 7/11 7/13 - 9/15	Friday
Knoxville Albuquerque W. Yellowstone	Macavia	DC-6B	T-47	2/25 - 5/16 5/20 - 7/11 7/15 - 9/09	 Tuesday
Alamogordo Coeur d A'lene	Black Hills Aviation	P2V	T-11	4/01 - 7/10 7/14 - 9/15	Monday
Ft. Smith Silver City	ARDCO	DC-4	T-152	2/26 - 5/03 5/07 - 7/26	 Wednesday
Silver City Klamath Falls	ARDCO	DC-4	T-151	4/20 - 7/11 7/13 - 9/28	Thursday

80.22 - AIR TANKER BASE LOCATIONS

A. Arizona

Forest	Airport Name	Legal Location			Latitude/ Longitude	
Apache-Sitgreaves NF	Winslow	19N	15E	35	35 01'20"	110 43'20"
Coronado NF	Tucson	15S	14E	18	32 07'05"	110 56'32"
Coronado NF	Ft. Huachuca	21S	20E	19	31 35'00"	110 20'00"
Kaibab NF	Grand Canyon	30N	02E	26	35 57'16"	112 08'37"
Prescott NF	Prescott	15N	02W	25	34 39'05"	112 08'37"
Tonto NF	Coolidge	06S	09E	04	32 56'00"	111 25'30"
BIA Fort Apache	Whiteriver	05N	22E	26	33 48'45"	109 59'10"
BIA San Carlos	San Carlos	01S	18E	01	33 22'00"	100 28'00"
BLM Arizona Strip District	Kingman	22N	16W	27	35 15'24"	113 56'24"
BLM Arizona Strip District	Pakoon	36N	15W	14NW	36 31'14"	113 51'58"
B. New Mexico						
Cibola NF	Albuquerque	10N	03E	34	35 02'31"	106 36'18"
Gila NF	Silver City	19S	13W	23	32 37'55"	108 09'14"
Lincoln NF	Alamogordo	16S	10E	14	32 50'27"	105 59'17"
Santa Fe NF	Santa Fe	16N	08E	15	35 37'03"	106 05'18"

C. For information on tanker base restrictions, refer to the Air Tanker Base Guide and Section 25.9 of Southwest Area Mobilization Plan.

80.31 - HELICOPTER INFORMATION

A. Contract helicopters based in Arizona

Forest/Agency	Designated Base	Contractor	Type and Nr.	Contract Period
Apache-Sitgreaves	**Hannigan**	**Geo-Seis Helicopter**	**Alouette 3** H-315	**5/01 - 7/12**
Chatt. - Oconee **Coronado**	**Glassy Mtn** **Rucker**	**Geo-Seis** Helicopter	**206 L-3** H-318	3/04 - 4/30 5/11 - 7/17
Coronado **Wallowa-Whitman**	**Tucson** **Memaloose**	**Tridair** Helicopters	**206 L-3** H-320	4/27 - 7/10 7/14 -10/01
Jefferson **Kaibab**	**Abington, Va** **Pitman Valley**	**Aerowest**	206 B-3 H-336	3/10 - 4/30 5/04 - 7/17
Prescott	**Prescott**	**Geo-Seis** Helicopter	**Alouette 3** H-332	**5/06 - 7/10**
Daniel Boone **Tonto**	**London, Ky** **Payson**	**Calalaska** **Helicopters**	206 B-3 H-323	3/12 - 4/30 **5/04 - 9/01**
Ft. Apache	**Whiteriver**		H-500D H-356	6/01 - 7/10
Ft. Apache	**Whiteriver**	**Rodgers Helicopters**	H-530F H-355	5/01 - 8/16
San Carlos	**Point-Of-Pines**		H-351	
San Carlos	**Point-Of-Pines**		H-352	
Navajo Area	**Windowrgck**	**Horizon Helicopters**	**206-B3** H-376	**6/02 - 7/31**
Grand Canyon	**Grand Canyon**	**Grand Canyon Helicopters**	206 B-3 H-368	Yearlong

Forest/Agency	Designated Base	Contractor	Type and Nr.	Contract Period
BLM Arizona	St. George, Utah	Hawkins and Powers	H-500D H-360	6/06 - 9/06
BLM Arizona	Kingman	Landell Services Inc.	206 B-3 H-361	5/17 - 8/17
BLM Arizona	Safford	Horizon Helicopters	H-500D H-362	5/08 - 7/13

B. Contract helicopters Based in New Mexico.

Forest/Agency	Designated Base	Contractor	Type and Nr.	Contract Period
Cibola	Sandia	Geo-Seis Helicopters	206 L-3 H-312	5/01 - 7/08
Gila	Gila Center	Horizon Helicopters	206 L-3 H-308	4/15 - 7/28
Gila Salmon	Negrito Indianola	Geo-Seis Helicopters	Llama H-306	5/08 - 7/10 7/14 - 9/15
Mescalero	Mescalero	Rodgers Helicopters	H-530F H-372	4/14 - 7/13

80.32 - HELICOPTER NUMBERING SYSTEM, TYPES, AND CLASSIFICATION

A. Specific numbers or call letters have been assigned to each forest and agency in the Southwest Area. The first number will indicate the region assigned.

Apache-Sitgreaves	314, 315, 316, 317, 326, 327, 328
Carson	338, 339, 340
Cibola	311, 312, 313
Coconino	329, 330, 331
Coronado	318, 319, 320, 321
Gila	305, 306, 307, 308, 309, 310
Kaibab	335, 336, 337
Lincoln	301, 302, 303, 304
Prescott	332, 333, 334
Santa Fe	341, 342, 343
Tonto	322, 323, 324, 325
FS Regional Helicopter	300
Arizona State Forestry	365, 366
New Mexico State Forestry	378, 379
BLM - Arizona	360, 361, 362, 363, 364
BLM - New Mexico	380, 381, 382
BIA - Fort Apache	355, 356, 357, 358, 359
BIA - Jicarilla	370, 371
BIA - Mescalero	372, 373, 374
BIA - Navajo	376, 377
BIA - San Carlos	350, 351, 352, 353, 354
BIA - ABQ Area Office	375
NPS - Arizona	367, 368, 369
NPS - New Mexico	383, 384, 385

B. **ICS Helicopter Types**

Type 1 helicopters have 16 or more passenger seats.
Type 2 helicopters have 10 to 15 passenger seats.
Type 3 helicopters have 5 to 9 passenger seats.
Type 4 helicopters have 4 or less passenger seats.

80.33 - HELICOPTER BASE LOCATIONS

Admin. Unit	Base Name	Legal Location			Coordinates	
Apache-Sitgreaves	Hannigan	3N	29E	2,NW	33 38'10"	109 19'25"
	Heber	12N	17E	32,NW	34 23'50"	110 33'55"
Coconino	Long Valley	13N	10E	18,NE	34 31'10"	111 19'40"
Coronado	Portal	17S	31E	34,SE	31 54'30"	109 09'45"
	Rucker	19S	29E	23,NE	31 46'00"	109 21'00"
	Sabino Canyon	13S	15E	09,SW	32 18'45"	110 49'15"
	Sollers Point	12S	16E	09,NE	32 24'20"	110 42'20"
	Tucson	15S	14E	19	32 07'01"	110 57'25"
Kaibab	Pitman Valley	22N	03E	22	35 16'30"	112 03'30"
Prescott	Prescott	15N	02W	25,NW	34 39'00"	112 24'40"
Santa Fe	Fenton Hill	19N	02E	13	35 53'00"	106 41'00"
Tonto	Payson	10N	10E	02,NE	34 14'40"	111 17'55"
	Young	09N	14E	29,SE	34 05'30"	110 55"30"
Fort Apache	Whiteriver	05N	22E	26,NE	33 48'45"	109 59'10"
	Limestone	09N	19E	13,NE	34 10'50"	110 16'30"
San Carlos	San Carlos	01S	18E	01,SE	33 23'00"	110 44'30"
Navajo	Window Rock	26N	31E	17,NW	35 39'45"	109 03'15"
Arizona Strip	Black Rock Mtn.	39N	14W	01	36 48'00"	113 44'00"
	St. George	42S	15W	21	37 05'30"	113 35'36"
	Kingman	21N	17W	23,SE	35 11'00"	114 03'30"
Safford	Safford	07S	26E	08,SW	32 51'00"	109 42'30"
Grand Canyon	Village	31N	02E	25,NW	36 02'58"	112 07'40"
	South Rim	31N	02E	25,SW	36 02'24"	112 07'48"

80.41 - AIR ATTACK AIRCRAFT

A. There are no specifications for air attack aircraft for use in the Southwest Area other then they must have a hookup for 720 channel radio and have an external antenna mounted on the aircraft. Single engine aircraft must also have a front seat shoulder harness.

B. Air attack aircraft, to be qualified for dispatch out of region must be a twin engine aircraft and have hookups for two 9600 channel radios and two external mounted antennas.

C. The following aircraft are available as air attack aircraft.

Forest	Type Acft	"N" Number	Owner/ Company	Location	R-5 Qual
ASF	C-206	6263X	AeroCrafter	Winslow	N
ASF	C-337	1371S	AeroCrafter	Winslow	N
ASF	BE-55	8411N	Ramaero	Showlow	N
ASF	AC500	4QS	Ponderosa Aviation	Taylor	Y?
ASF	AC700	369PM	Ponderosa Aviation	Taylor	Y?
CIF	C-310	7909Q	Gallup Flying Service	Gallup	Y
CIF	C-340	41BG	Gallup Flying Service	Gallup	Y
CIF	C-182	97282	Gallup Flying Service	Gallup	N
CIF	C-206	9529Z	Gallup Flying Service	Gallup	N
CIF	C-206	6125U	Gallup Flying Service	Gallup	N
CIF	C-206	9700Z	Gallup Flying Service	Gallup	N
CIF	C-206	9700M	Gallup Flying Service	Gallup	N
CIF	C-210	29359	Gallup Flying Service	Gallup	N
CIF	C-210	732RD	Gallup Flying Service	Gallup	N
CIF	C-210	761MU	New Mexico Flying Svc	Albuquerque	N
CNF	BE-55E	3089W	Safford Aviation	Safford	Y
CNF	BE-55E	39PB	Safford Aviation	Safford	Y
CNF	BE-55E	8KB	Safford Aviation	Safford	Y
GNF	C-172RG	5190V	Grimes Aviation	Silver City	N
GNF	C-310	69751	Flying A Flying Service	Silver City	N
GNF	C-3337	86240	Flying A Flying Service	Silver City	Y
KNF	C-210	4673Y	Lake Powell Air Service	Page	N
KNF	C-210	761JE	Lake Powell Air Service	Page	N
KNF	C-182RG	3726C	Lake Powell Air Service	Page	N
KNF	C-182	96754	Kanab Air Service	Kanab	N
KNF	C-210	732KD	Cedar City Air Service	Cedar City	N
KNF	C-182	6588N	Cedar City Air Service	Cedar City	N
KNF	C-401	7912Q	Cedar City Air Service	Cedar City	Y
LNF	C-337T	8988M	McCausland Aviation	Carlsbad	Y

Forest	Type Acft	"N" Number	Owner/ Company	Location	R-5 Qual
PNF	**PA-34**	**8150S**	**Skycab Inc.**	**Scottsdale**	**N**
TNF	**BE-55**	**8KB**	**Safford Aviation**	**Mesa**	**N**
TNF	**BE-55**	**237WM**	**Safford Aviation**	**Mesa**	**N**

80.51 - LARGE TRANSPORT CHARTER & AIR CARRIER INFORMATION

A. Contract Aircraft

1. Two Convair 580's, each capable of hauling two crews, and one Boeing 727 are under contract for use during the 1989 fire season. One Convair 580 will be based at Marana from 5-1 until 6-30 and then will then be based at Missoula from 7-1 until 9-15. The other will be based at Redding from 6-1 until 11-15. The Boeing 727, capable of hauling 5 crews, will be based at Boise for the complete contract period.

B. Airports approved for Convair use.

Arizona

Deer Valley Airport
Douglas (Bisbee/Douglas Inter.)
Flagstaff (Pulliam Field)
Fort Huachuca (Sierra Vista Muni)
Grand Canyon Ntn'l Park Airport
Kingman Airport
Lake Havasu Airport
Marana (Pinal Air Park)
Nogales International
Page Municipal Airport
Phoenix (Sky Harbor)
Prescott (Ernest A. Love Field)
Tucson International
Winslow Municipal
Yuma International

New Mexico

Alamogordo/White Sands Regional
Albuquerque International
Artesia Municipal
Carlsbad (Cavern City Air Term)
Farmington Municipal Airport
Gallup Municipal Airport
Las Cruces International
Roswell Industrial Air Center
Ruidoso Municipal Airport
Santa Fe County Municipal
Silver City/Grant County Aprt

Utah

Kanab Municipal

C. Airports in or near Southwest Area approved for heavy jet use.

Arizona

Phoenix (Sky Harbor)
Tucson

New Mexico

Albuquerque International

Texas

El Paso

D. Charter Aircraft Availability

1. Ross Aviation (Department of Energy) in Albuquerque has several DeHavlin "Dash 7" aircraft and DC-9 aircraft that may be used to transport crews or overhead. Place order through regular dispatch channels to SWCC.

a. The three "Dash 7" aircraft are able to carry 2 20-person crews and their packs without trouble. Two aircraft, with cargo doors, can be configured to transport different amounts of passenger/cargo mix. Twenty-six passenger w/cargo bulkhead or 42 passenger w/cargo bulkhead are the standard mixes. The other aircraft is permanently configured for 50 seats and available for weekend trips only. Cruising at 220 knots, they are also superb STOL aircraft.

b. One of 3 DC-9 aircraft may be available (mostly on weekends) and can transport up to 80 passengers (4 crews w/packs).

c. Ross also has 2 Beech 200 (8 PAX) aircraft sometimes available on weekends.

d. **Phone numbers** (505) 844-1198
(505) 202-2811

2. Mesa Airlines, offices in Farmington, has several medium transport type aircraft that may be available for charter. Order thru SWCC. These aircraft operate under FAA Part 121 and do not require FS/OAS inspection.

a. Beech 1900 - carries 19 passengers and should have no problem with firefighter normal gear, 65# per passenger, based on average weight of 165 pounds per passenger.

b. Beech C99 - carrys 14 passengers but not much space for gear. Probably able to take about 10 or 11 overhead with gear.

c. Beech 1300 - carrys 13 passengers but not much space for gear. Probably able to take 9 or 10 overhead with gear.

d. Cessna Caravan (single engine) carrys 9 passengers. Should have no trouble with gear as has lots of cargo space.

E. Commercial Airline Company Abbreviations

AA - American
AW - America West
AS - Alaska
BR - Braniff
CO - Continental
DL - Delta
EA - Eastern
EM - Empire
HA - Hawaiian
ML - Midway
NW - Northwest
PA - Pan American
PI - Piedmont
SW - Southwest
TW - Trans World
UA - United
US - US Air

80.61 - FAA AIRPORT LOCATION IDENTIFIERS

A. Airport identifiers of other airports can be found in FAA Manual 7350.4Y, Location Identifiers. For Forest Service approved airports and any restrictions, refer to the Region 3 Airport Directory.

B. Identifiers of often-used airports located in Arizona.

Airport		Airport	
Avra Valley Airport	E14	Page Municipal Airport	PGA
Bisbee Muni	P04	Payson Airport	E69
Buckeye Muni	BXK	Phoenix Sky Harbor Intn'l	PHX
Carefree Airport (Private)	E18	Ryan Field (Tucson)	RYN
Casa Grande Muni	CGZ	Safford Muni	SAD
Chandler Muni	P10	St. Johns Industrial Airpark	SJN
Cochise County Airport	P33	Scottsdale Municipal Airport	SDL
Coolidge Muni	P08	Sedona Airport	SEZ
Deer Valley Muni	DVT	Seligman Airport	P23
Falcon Field (Mesa)	FFZ	Sells Airport	E78
Douglas/Bisbee Intn'l.	DUG	Show Low Muni	SOW
Flagstaff Muni	FLG	Springerville-Eagar Muni	Q35
Gila Bend Muni	E63	Superior Muni	E81
Glendale Muni	P37	Taylor Airport	4EQ
Globe-San Carlos Regional	P13	Tuba City Airport	TBC
Grand Canyon Ntn'l Park Aprt	GCN	Tucson Intn'l	TUS
Greenlee County Airport	CFT	Whiteriver Airport	E24
Holbrook Muni	P14	Wickenburg Muni	E25
Kearny Airport	E67	Willcox	P33
Kingman Airport	IGM	Williams Muni	P32
Lake Havasu Airport	LHU	Window Rock Airport	P34
Libby AAF-Sierra Vista Muni	FHU	Winslow Muni	INW
Litchfield Muni (Goodyear)	GYR	Yuma MCAS-Yuma Intn'l Aprt	YUM
Love Field (Prescott)	PRC		
Marana (Pinal Airpark)	MZJ		
Nogales Intn'l Airport	OLS		

C. Identifiers of often-used airports in New Mexico.

Airport	
Alamogordo-White Sands Regn.	ALM
Alameda Airport (Albuquerque)	Q64
Albuquerque Intn'l	ABQ
Artesia Muni	ATS
Aztec Muni	Q19
Alexander Airport (Belen)	E80
Angel Fire Aprt (Eagles Nest)	E91
Cavern City Air Terminal (Carlsbad)	CNM
Carrizozo Muni	Q37
Clayton Muni Airpark	CAO
Clovis Muni	CVN
Coronado Aprt (Albuquerque)	4AC
Deming Muni	DMN
Farmington Municipal Airport	FMN
Fort Sumner Muni	FSU
Gallup Municipal Airport	GUP
Grants-Milan Muni	GNT
Hobbs-Lea County Airport	HOB
Las Cruces Intn'l Airport	LRU

Airport	
Magdalena Airport	Q50
Raton Muni-Crews Field	RTN
La Mesa Park Aprt (Raton)	Q25
Reserve Airport	Q16
Roswell Industrial Air Cntr	ROW
Ruidoso Muni	RU1
Santa Fe County Muni	SAF
Santa Rosa Muni Airport	Q58
Sierra Blanca Regional Aprt	SRR
Silver City-Grant County Aprt	SVC
Socorro Muni	ONM
Springer Muni	Q42
Taos Muni	SKX
Truth or Consequences Muni	TCS
Tucumcari Muni	TCC
Turner-Ridgeport Airport	1E6
Whiskey Creek Airport	94E
Zuni Pueblo (Black Rock Aprt)	ZUN

D. Identifiers of often-used airports in other states.

California	
Fresno	FAT
Los Angeles	LAX
Oakland	OAK
Ontario	ONT
Redding	RDD
Sacramento	SMF
San Diego (Linbergh Field)	SAN
San Francisco	SFO
San Jose	SJC
Santa Barbara	SBA

Colorado	
Colorado Springs	COS
Denver (Stapleton)	DEN
Denver (Jefferson County)	BJC
Fort Collins (Loveland)	1V4
Grand Junction	GJT

Nevada	
Carson Airport	004
Elko Municipal Airport	EKO
Las Vegas (McCarran Int'l)	LAS
Reno	RNO

Utah	
Kanab	KNB
Ogden	OGD
St. George	SGU
Salt Lake City	SLC

80.71 - BPA AIRCRAFT AVAILABILITY

A. The following indicates the number of each type aircraft under BPA agreements on each Forest. The number of passenger seats available are listed but dispatchers should plan to download fixed wing aircraft by two (2) passengers from the total number of passenger seats listed for any given airplane to allow a safety factor for weight as well as to provide adequate space for gear. Some aircraft of the same model may carry different numbers of passengers. This has been shown be a dash between the lowest and highest number of passengers as listed on the 5700-21 forms.

B. Twin Engine Aircraft Available

	*		*		*	*	*	*	*	*	*
	ASF	CAF	CIF	COF	CNF	GNF	KNF	LNF	PNF	SNF	TNF
GULFSTREAM COMMANDER (6-7 psgr)										1	
AERO-CDR 500 (5 psgr)	1										
AERO-CDR 700 (7 psgr)	1										
BEECH JET 400 (5 psgr)			1								
BEECH BE-55 BARON (4-5 psgr)	1				3				1		4
BEECH BE-58 BARON (5 psgr)			2								1
BEECH BE-76 DUTCHESS (3 psgr)			1								
KINGAIR 90 (4-6 psgr)			3								2
KINGAIR 100 (6-8 psgr)			1								1
KINGAIR 200 (9-10 psgr)			2								
CESSNA 303 (5 psgr)											4

	*		*		*	*	*	*	*	*	*
	ASF	CAF	CIF	COF	CNF	GNF	KNF	LNF	PNF	SNF	TNF
CESSNA 310 (4-5 psgr)		2	1			1		2			
CESSNA 320 (5 psgr)		1									
CESSNA 337 (3-4 psgr)	1					1		1			
CESSNA 340 (5 psgr)			1			2		1			2
CESSNA 401 (6 psgr)							1				
CESSNA 402 (7 psgr)					1	1					1
CESSNA 404 (10 psgr)								1			
CESSNA 414 (6-7 psgr)		1	2		1	2		1			1
CESSNA 421 (7 psgr)			1						1		2
LEAR 24/25 (7 psgr)					1			2			
PIPER PA 30 COMANCHEE (4 psgr)								1			
PIPER PA 31 NAVAJO (7-8 psgr)	1						2	1			

	*		*		*	*	*	*	*	*	*
	ASF	CAF	CIF	COF	CNF	GNF	KNF	LNF	PNF	SNF	TNF
PIPER CHEYANNE (6-7 psgr)			2					1			
PIPER PA 44 SEMINOLE (3 psgr)						1					
PIPER PA 46 MALIBU (5 psgr)									1		
TWIN OTTER (18 psgr)							5				

C. Single Engine Aircraft Available

	*		*		*	*	*	*	*	*	*
	ASF	CAF	CIF	COF	CNF	GNF	KNF	LNF	PNF	SNF	TNF
BEECH BE31 BONANZA			1								
BEECH BE36 BONANZA (4-5 psgr)			5			1			1		1
CESSNA 172 (3 psgr)						1		1			
CESSNA 180 (2 psgr)								1			
CESSNA 182 (3 psgr)	1		1				4		3	1	
CESSNA 205 (psgr)			1								
CESSNA 206 (4-5 psgr)	1	1	4					1	1	1	
CESSNA T207 (7 psgr)							10			1	
CESSNA 210 (3-5 psgr)	1	2	4		2		3	1	5	1	

C. Single Engine Aircraft Available

	*		*		*	*	*	*	*	*	*
	ASF	CAF	CIF	COF	CNF	GNF	KNF	LNF	PNF	SNF	TNF
PIPER PA28RT (3 psgr)								1			
PIPER PA32RT-300 LANCE (5 seats)						1					
PIPER 201T (3 psgr)								1			
BELL 206B3					1						
BELL 206B2					2						
HILLOR/SALOY (3 psgr)								1			

80.72 - FT. APACHE BIA CONTRACT AIRCRAFT

A. BIA Fort Apache (FTA) has 4 Aero-Commander Shrike 500S aircraft available. Each aircraft can haul 5 passengers with fire gear.

DISPATCHER'S MOBILIZATION PLAN

CHAPTER 90 - EMERGENCY PROCEDURES

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90.11 - REQUESTS FOR ASSISTANCE

A. Operations in New Mexico

1. Search and rescue **missions** are coordinated by the New Mexico State Police... **All Zone and Agency** dispatchers in New Mexico should contact the nearest State Police office **immediately when search and rescue operations are involved**.

B. Operations in Arizona

1. Search **and** rescue **missions** are **coordinated** by **each** County Sheriff**s Department**. Dispatchers in Arizona should contact the County Sheriff having jurisdiction immediately **when search and rescue operations are involved**.

C. Checklist of Actions in Emergency Cases

1. In event of serious accident or death:

a. Get rescue unit and equipment on the way.

b. Notify doctor and give instructions. (In some cases, this will be the first thing to be done).

c. Notify District Ranger.

d. Notify Forest Supervisor or Acting.

e. Notify Southwest Area Coordinator through normal channels. **The Coordinator** will notify all Regional Office personnel concerned. The Southwest Area Coordinator **will also be requested to notify the Federal Aviation Agency if the emergency involves an aircraft accident.**

f. Notify County Sheriff's Office **and/or** State Police. (Arrange for a coroner if a death is involved.)

g. See that Information Officer is designated. Information Officer to contain press until reliable information is obtained. No names until next of kin has been notified.

10. Instruct key lookouts or other key positions to remain on duty as necessary.

11. If a Forest Service employee is involved, the next of kin shall be notified by the Information Officer or other designated forest officer as soon as reliable information is available. If off-forest personnel are involved, the home forest or region should be called on to do the notification of next of kin. Be sure to request to be notified as soon as next of kin have been contacted so a statement can be given to the press.

90.12 - FOREST SERVICE RESPONSIBILITY

A. Inside and outside the National Forests, as a humanitarian measure, the use of Forest Service personnel and equipment is authorized for the purpose of protecting life and property and for relieving suffering and distress arising from such causes as floods, fires, earthquakes, tornados, and snowstorms, but not from strikes (5 AR 595 provides that "...except in emergencies threatening loss of life or property, or as may be authorized by law, department property shall not be used for any purpose other than in the performance of work of the department...").

B. The Regional Forester should be notified promptly of any extraordinary use or obligation of funds or use of manpower or equipment. Obligations incurred should be considered as payable out of currently available funds only, without expectation of reimbursement. Only in rare cases does the congress appropriate supplemental funds to reimburse agencies for each extraordinary expense, unless the expenditures were made under the major disaster law, (FSM 1522.61).

90.13 - LEGAL RESPONSIBILITIES OF OTHER PUBLIC AGENCIES

A. Primarily, the protection of life and property and the maintenance of law and order within the territorial jurisdiction of any state is the responsiblity of state and local authorities. In some states, the basic law places responsibility for protection of life and property and the search for lost persons on the sheriffs of the respectives counties. In other states the State Highway Patrol has the responsibility to assist during emergencies involving protection of life and property. For the land area of the United States the Air Rescue Service of the Air Force is charged with the responsibility of providing search, survival aid, and rescue of pasengers and crew of missing and/or crashed aircraft in accidents which do not occur in the proximity of airports. This responsibility applies to all aircraft, civil as well as military. In Alaska, responsibility for air rescue is shared by the Navy, Air Force, and Coast Guard.

90.14 - COOPERATION WITH PUBLIC AGENCIES

A. Inside National Forest boundaries the Forest Service has specific authority to act in case of need for emergency assistance to persons who are lost, seriously ill or injured, but this does not preclude cooperation under memorandums of understanding with other agencies that engage in the activity. Since there are many different agencies involved in rescue work, centralized nationwide operating arrangements are neither practicable nor desirable. Memorandums of understanding involving search and rescue should, accordingly, be made at the regional level or, for some regions where National Forests are widely separated, at the forest level with guidance by the regions. Any such cooperative work that the Forest Service does, either with or without reimbursement to the government, should be under advance letters of understanding with those agencies.

90.15 - AUTHORIZATION TO ACT ON REQUEST OF OTHER FEDERAL AGENCIES

A. The Forest Service has authority, at the request of another federal agency, to perform for the agency whatever assistance it is equipped to render, regardless of location, with either advance of funds or reimbursement under Section 601 of the Economy Act of June 30, 1932 (31 U.S.C. 686). Where such requests are anticipated, it is desirable to have an understanding with the responsible federal agency as to any action to be taken by the Forest Service. Such understanding should be worked out at the regional level. (Refer to Chapter 40 - Cooperation)

90.16 - LOST, ILL, INJURED OR DECEASED PERSONS

A. The Forest Service recognizes its public duty to render asistance in cases involving persons lost inside National Forests boundaries, and of transporting persons seriously ill, injured, or who die inside the National Forests to the nearest place where the sick or injured person or where the body may be transferred to interested parties or local authorities.

B. Section 3 of the Act of May 27, 1930 (16 U.S.C. 575) authorized the payment of necessary expenses to effectuate this policy. This necessitates prompt removal to a place where medical attention and care are available and the situation can be met only through action by the Forest Service. The authorization does not contemplate expenditures from Forest Service funds in ordinary cases of illness, etc., of persons who at the time are inside a National Forest. Similary, Forest Service funds should be expended for removal of the body of a deceased person except when it is impracticable to arrange for its prompt removal by or at the expense of relatives or other interested pesons or local authorities. In the event of minor accidents, particularly where there appears to be no immediate danger to life or health, incidental help and information or advice may be given by the Forest Servicebut usually the person or persons involved, if able, should make their own arrangements for relief, medical attention, or repair. Usually relatives, friends, local authorities, and other interested persons or agencies cooperate voluntarily in defraying necessary expenses.

90.17 - REGION 3 POLICY CONCERNING OBLIGATION AND PAYMENTS

A. Salaries and travel expenses of personnel assigned to the relief or assistance job shall be paid from the appropriation and fund used to pay the employees for their regular work. Other expenses incurred will be paid from National Forest Protection and Management (P&M) funds. Forests or other units should handle the payment of expenses for this emergency work. At the time of the financial review forests should request a supplemental fund allocation if they find they cannot absorb these additional expenses. Request should be made to the Regional Budget Officer accompanied by justification of need.

90.21 - ACCIDENT INVESTIGATION AND REPORTING

A. In the event of a serious accident, contact one of the following persons in the Washington Office, in the order shown.

	Office Phone	Home Phone	Pager
James A. Stevens Chief, Safety & Health Branch Personnel & Civil Rights Staff	703-235-1691	703-347-5943	202-837-8570
Ralph E. Newman Safety Manager, Safety & Health Branch Personnel & Civil Rights Staff	703-235-1691	703-256-6024	202-837-8569
Stephen P. Kirby Deputy Director of Personnel & Civil Rights Staff	703-235-8190	703-250-9519	
Irving W. Thomas Director of Personnel & Civil Rights Staff	703-235-8102	703-790-5077	
James E. Webb Associate Deputy Chief for Administration	202-447-6709	703-938-5441	
William L. Rice Deputy Chief for Administration	202-447-6707	703-378-5396	

B. Instructions for contacting pager: Pagers are activated from anywhere in the United States by use of a touch-tone style telephone. After "dialing" the pager area code and number, the caller will hear three short beeps. This is your signal to immediately "dial" in the area code and number you wish the Safety and Health Branch to call. After dialing the telephone number, press the pound symbol (#) immediately to the right of the zero on the telephone. If no call is received within 15 minutes, repeat the process or move to the next telephone or pager number.

90.31 - AIRACRAFT ACCIDENTS, PREPARING FOR ARRIVAL OF INVESTIGATION TEAM

An aircraft accident can be a serious and traumatic event. This is a checklist of some tasks, which a Forest Supervisor can use to take charge of the accident scene and prepare for the arrival of a trained aircraft accident investigator and/or the aircraft accident investigation team. Some items may not be applicable, and others may need to be added, depending on the circumstances of the accident. This list was developed with the objective of providing a place to start during upsetting times.

Item	Description
1	Forest personnel involved in the search and rescue should be told not to use the names of aircraft occupants or state the extent of injuries over the Forest radio system. Others can hear these transmissions. Mistakes have occurred in the past, with devastating results to relatives.
2	The Forest Supervisor or District Ranger should designate a Forest officer-in-charge at the accident scene to guard and protect it. Start with the first Forest Service employee to arrive at the scene of the accident. This person will be responsible for crash site protection until relieved by another Forest Service officer or by the appointed accident investigation team. Accident scene protection by the Forest Supervisor can last from a few hours to over 1 day. The time will depend on which level of the organization will take jurisdiction, what intermediate actions are taken, and how long it will take the investigation team to travel to the Forest, assemble, organize, and take charge. In the meantime the Forest Supervisor should give direction to do certain things. Here are some items and information that should be communicated as quickly as possible to the accident scene officer-in-charge.
2a	Tell the Forest officer-in-charge that the Forest Service has no authority to be on privately owned land without the owner's permission. This should not be applicable to most Forest Service accidents, because the accident scene is usually on Federally owned land.
2b	The wreckage is hazardous. Fuel can burn; tires can explode; gases and metals can be ingested by the body; bacteria can be present; corrosive liquids may be exposed; liquid and solid poisons may be present; chemical reactions may have occurred, especially if there has been a fire; personal baggage and equipment contain unknown items; etc. The Forest officer-in-charge should stay away from the wreckage and keep others away from it until a trained aircraft accident investigator arrives. The untrained person is subject to personal injury, some of which can be permanent. Personal risk should only be taken to assist evacuation of the injured. The removal of bodies falls within local, State, county, coroner's, etc., authority. No effort, other than a warning, should be exerted to prevent these people from doing their jobs. No smoking should be permitted near the wreckage.

2c The Forest officer-in-charge should prevent unauthorized people from conducting activities that will destroy important information. Ground impact points should be preserved; that is, people should not be walking around to satisfy their curiosity. They may damage evidence.

2d The Forest officer-in-charge needs to know that anything may be evidence, or nothing (lack of something) may be evidence.

2e The Forest officer-in-charge should prepare written notes on all activities at the accident scene. Each recording should include the date and time of the activity and observation. The Forest officer-in-charge should insure an accurate recording will be made by someone until the wreckage is removed. Examples include:

--The time the Forest officer-in-charge arrived at the scene.

--Who else may have been at the accident location, and when, before the arrival of the Forest officer-in-charge.

--Weather observations and any smells (such as fuel) noticed upon arrival.

--Any wreckage moved or removed, and by whom.

--First aid and medical assistance to the injured.

--Removal of fatally injured persons necessitates the recording of (1) which body came from which seat, or where it was found, (2) seat belt usage, (3) a description of type and color of clothing, (4) a witnessed statement (inventory) of personal effects removed, such as counting cash in wallet, listing all identification cards, match books, loose pocket change, keys, pocket notebooks, pens, personal protective equipment worn or found, and (5) any other information that might help the investigation team.

--Names of all persons visiting the accident scene after arrival of the Forest officer-in-charge.

2f Take photographs, if possible, before removing remains or disturbing any wreckage. This should be foregone if there are injured that need to be evacuated. In that case a written recording and/or photographs taken after the fact will suffice. Preserving life is the number one priority.

2g Flag or rope off the accident scene to prevent unauthorized access. Colored flagging is preferred, to allow for later pictures taken from the air by the investigation team.

3 The Federal Aviation Administration should be notified. The "N" Number and type aircraft, if known, should be provided as a start.

4 Inform Forest Service receptionists and others who may answer the telephone to pay particular attention to anyone calling in who may have witness information. The investigation team will want to contact those persons, so they will need names and telephone numbers for later contact.

5 Prepare a list of names, telephone numbers, addresses, etc. of all known witnesses at or near the accident scene.

6 Accept all written narrative witness statements, place them in an envelope, and transmit them to a central point for collection by the investigation team or by the first trained investigator that arrives. To the extent possible, do not allow anyone to question the witness. Questions by an untrained person can contaminate (modify and/or change) the information the witness will provide.

7 Secure all available weather data for the area. Order additional weather information to be taken at weather stations in the area, and be prepared to do it again 24 hours later. The information may be needed to compare with weather readings at the accident scene to estimate the weather at the time and place of the accident.

8 Determine when and where the aircraft was last fueled, and request the supplier to take fuel samples for the Forest Service to pick up later. It is best if a Forest Officer can do the fuel sample at the last fueling site; but it is recognized that this is not always possible.

9 Secure the name and telephone number of the sheriff or other local law enforcement officer having jurisdiction.

10 Secure the name and telephone number of the coroner or other person having jurisdiction over the removal of the remains.

11 Secure the name, location, and telephone number of the attending medical doctor for those injured in the accident.

12 Secure tne name and telephone number of the landowner, if the accident occurred off Federally owned lands.

13 Secure the names and telephone numbers of any reporters who have requested information for media dissemination. The chief investigator or Forest PIO will be in touch with them, when information becomes available.

14 Arrange for transportation for the use of the investigation team. Two vehicles will probably be needed and one person who is familiar with the area--hospital, sheriff's office, witness addresses, etc.

15 Arrange lodging for the team in the vicinity of the accident.

16 Prepare for a brief entrance conference with the chief investigator upon his or her arrival.

17 Secure five topographic and Forest maps of the area. Aerial photographs, if available, may be helpful, plus any other maps the Forest believes will be helpful to the investigation team.

18 Be prepared to lend the Forest's investigation kit, including an Abney hand level, to the investigation team.

19 Secure from the contracting officer a copy of the contract, if the aircraft was under contract to the Forest Service. Also provide the name and telephone number of the contracting officer.

20 Secure Forest Service radio logs, tapes, etc. that may contain information (no information can also be evidence) relating to the accident.

21 Determine who the Forest Supervisor wants to designate as the Forest's primary contact with the chief investigator.

22 Establish a guest profile on the unit's Data General for use by the chief investigator.

23 Take all other actions that make sense to (1) preserve life, (2) protect people, and (3) protect and preserve information.

90.41 - EMERGENCY HELICOPTER TRANSPORT

A. Arizona

1. State Air Ambulance Service . Arizona Department of Public Safety has 3 Bell 206L3 and 2 206L1 helicopters and provides full service helicopter transport, 24 hours a day, to local hospitals for critical injuries or illnesses. One is located in Phoenix, one in Flagstaff, one in Kingman, and one in Tucson, with the other used as a backup ship. Requests should be made to the DPS Communications System (1-800-247-6337) or may be made through Arizona State Forestry Dispatcher.

2. Samaritan Health Services, "AIR EVAC", 1242 E. McDowell, Phoenix, Arizona, Telephone 602-247-3822, has 3 helicopters available, based in Phoenix, available for Med-Evac services. They are dispatched with nurse paramedics.

B. New Mexico

1. University of New Mexico "LIFEGUARD", operates an Aerospatiale Twin-Star helicopter. Located at 2211 Lomas Blvd NE, they provides emergency service within a 150 mile radius of Albuquerque. Request made by dialing 1-800-MED-LIFT (1-800-633-5438).

2. New Mexico Air National Guard, at Santa Fe, and the 5050th Air Lift Command based at Kirtland AFB can be contacted through the New Mexico State Police

NOTE: Normal procedures for requesting helicopter service should be through the Forest Dispatcher. Services may be requested for Forest Service employees who may be injured while on duty or private citizens who may be injured or become ill while visiting a National Forest. (Other agency procedures to be added as received.)

90.42 - PARA-RESCUE UNIT

A. Smokejumpers, when located in the Southwest Area, may be called out as a para-rescue unit. Several are EMT qualified and are available to provide any unit with para-medical assistance. A "Demerol Kit" including Ampins Demerol, ringers lactate blood expander IV's, bee sting kits, splints, stokes litter, and equipment to monitor vital signs is carried on the jump aircraft. Qualified smokejumper-EMT's may administer demerol, when required, to Forest Service personnel and firefighters.

B. Requests for para-rescue service should be placed through regular dispatching channels.

90.43 - AIR AMBULANCE SERVICE

A. Arizona

1. Samaritan Health Services, "AIR EVAC", 1242 E. McDowell Road, Phoenix, Arizona, Telephone 602-247-3822, has several Med-Evac fixed wing aircraft available. They include Cessna 414's, Conquests, an Aero Commander and a Cessna 421. They are dispatched with nurse respiratory therapists.

???? Air Medical Transport Inc., 2635 E. Airlane, Phoenix, Arizona 85034, telephone 1-800-892-6440, provides a full-service medical transportation system, available 24 hours a day. A Merlin IV-C, prop jet, is completely furnished as an intensive care unit. Air Medical Transport Inc. will provide service anywhere within the United States.

B. New Mexico

1. Several Air Ambulance services are available at Albuquerque International Airport.

MED FLIGHT AIR AMBULANCE	842-4433
PRESBYTERIAN AIR AMBULANCE	1-800-433-7737
NEW MEXICO FLYING SERVICE	842-4000

Telephone book yellow pages, under Aircraft list phone numbers and contacts.

90.51 - HAZARDOUS MATERIALS

A. If material that may be hazerdous to the environment or to an individuals health is located on Forest Service property, immediate and proper notification may be of great importance. Any containers found, with suspicious or unknown contents, that may contain hazardous waste materials should be reported immediately. If unsure of a liquid material found, do not touch it as many hazardous liquid materials are absorbed through the skin and may cause either an immediate or delayed reaction. Persons seen dumping or off-loading containers or material that may be of a hazardous nature (midnight dumping) should also be reported.

1. In New Mexico, immediately notify the Environmental Improvement Division at their 24 hour emergency reporting number, 505-827-9329.

2. In Arizona, immediately notify the Hazardous Waste Division at their 24 hour number, 1-800-352-8400.

90.52 - REFERENCES AND PUBLICATIONS TO ASSIST IN EMERGENCY SITUATIONS

A. Southwestern Region Emergency and Major Disaster Plan for Natural Disaster, Revised May, 1979.

B. Disaster Plan for National Emergency (Defence Operations).

C. Emergency Operations Handbook for USDA, State and County Emergency Boards, 1982.